Product Information / Technical Service Manual

SURGERY CHAIRS

MODELS **S-2614, S-2614FP, S-2615, S-2615FP, S-2914 & S-2914FP**

L'information de produit/manuel d'entretien technique

CHAISES DE CHIRURGIE

MODÈLES **S-2614, S-2614FP, S-2615, S-2615FP, S-2914 et S-2914FP**

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TABLE OF CONTENTS:

1 **TITLE PAGE**

2 **TABLE OF CONTENTS**

3 **APPLICATION OF PRODUCT**
WARRANTY INFORMATION

4 **SAFETY WARNING SYMBOLS**

5-8 **SAFETY PRECAUTIONS**

9-12 **ABOUT YOUR PRODUCT**
DESCRIPTION OF PRODUCT LINE
STANDARD SAFETY FEATURES
GENERAL PRODUCT INFORMATION
PRODUCT SPECIFICATIONS

13 **UNPACKING**

13 **POWER REQUIREMENTS**

14 **INSTALLATION INSTRUCTIONS**

15-34 **OPERATION**
INITIALIZING MOTORS
PROGRAMMING INSTRUCTIONS
GENERAL OPERATING INSTRUCTIONS

35-46 **SCHEMATIC WIRING DIAGRAMS**

46-65 **PARTS BREAKDOWN**
S-2615 CHAIR
S-2614 CHAIR
S-2914 CHAIR
CB-2008 BASE
CB-2008-4 BASE
CB-2008 FP BASE
UNIVERSAL CHAIR SWIVEL '09
S-2614/2615/2914 EXAM LIGHT & POST
S-2615 UPHOLSTERY
S-2614 UPHOLSTERY
S-2914 UPHOLSTERY

66 **GENERAL MAINTENANCE AND CARE**
CLEANING/CONDITIONING
TECHNICAL SERVICE

67 **TROUBLESHOOTING GUIDE**

68-71 **ELECTROMAGNETIC IMMINITY-EMISSIONS**

CONGRATULATIONS
ON YOUR PURCHASE OF BOYD SURGERY PRODUCTS

BOYD INDUSTRIES HAS SPENT YEARS DESIGNING AND DEVELOPING WHAT WE FEEL ARE THE BEST SURGERY PRODUCTS AVAILABLE IN THE WORLD TODAY.

THE FOLLOWING ARE UNIQUE FEATURES THAT MAKE YOUR BOYD CHAIR
THE MOST ADVANCED AND FUNCTIONAL SURGERY CHAIR AVAILABLE.

1-STANDARD PROGRAMMING ON ALL SURGERY CHAIRS ALLOWS THE OPERATOR TO PROGRAM 3 POSITIONS THAT CAN BE RECALLED AT ANY TIME AND FROM ANY POSITION.

2- THE "AUTO RETURN" POSITION PUTS THE CHAIR INTO THE RECOMMENDED "ENTRANCE / EXIT POSITION".

3-LOW VOLTAGE D/C MOTORS ARE STANDARD ON ALL CHAIRS/TABLES. D/C MOTORS ARE SAFER AND HAVE A LONGER LIFE EXPECTANCY THAN A/C MOTORS.

APPLICATION OF PRODUCT

THESE PRODUCTS ARE DESIGNED FOR THE PURPOSE OF COMFORTABLY POSITIONING PATIENTS DURING MEDICAL / DENTAL EXAMINATIONS AND PROCEDURES.

CHAIR/TABLE SECTIONS MOVE TO ALLOW THE MOST ADVANTAGEOUS WORKING POSITION FOR THE DOCTOR AND HIS/HER ASSISTANT(S).

WARRANTY STATEMENT

BOYD INDUSTRIES ("BOYD") ONLY WARRANTS ITS PRODUCTS TO BE FREE FROM DEFECTS IN MATERIAL ("PARTS WARRANTY") AND WORKMANSHIP ("LABOR WARRANTY"). NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, APPLY. THE WARRANTY, COMMENCING AT THE INVOICE DATE OF THE EQUIPMENT, SHALL EXTEND FOR THREE (3) YEARS FOR PARTS AND (1) YEAR FOR LABOR UNLESS OTHERWISE STATED. THE LABOR WARRANTY SHALL BE THE SOLE RESPONSIBILTY OF THE DEALER/DISTRIBUT0R. IN THE EVENT OF A DIRECT SALE, BOYD WILL ASSUME THE RESPONSIBILITY OF THE DEALER/DISTRIBUTOR AS IT PERTAINS TO THE LABOR WARRANTY. THE WARRANTY IS EXCLUSIVE TO PRODUCTS MANUFACTURED BY BOYD. PRODUCTS DISTRIBUTED BY BOYD, BUT NOT MANUFACTURED BY BOYD, SHALL NOT BE SUBJECT TO THIS WARRANTY AND WILL BE WARRANTIED ONLY TO THE EXTENT OF THE MANUFACTURER'S WARRANTY.

IN THE EVENT OF THE BREACH OF SUCH WARRANTY, WRITTEN NOTICE OF SUCH BREACH MUST BE GIVEN TO BOYD WITHIN THE PERIOD OF THE WARRANTY BREACHED. BOYD RESERVES THE RIGHT TO REMEDY SUCH BREACH, AT ITS SOLE DISCRETION, BY REPAIR OR REPLACEMENT OF THE PRODUCT IN QUESTION. THE REPAIR OR REPLACEMENT OF THE PRODUCT IN QUESTION SHALL BE THE SOLE EXCLUSIVE REMEDY AVAILABLE WITH RESPECT TO ANY DEFECT.

THE WARRANTY DOES NOT COVER DAMAGE OR DEFECTS RESULTING FROM OR IN ANY WAY ATTRIBUTABLE TO IMPROPER INSTALLATION OR MAINTENANCE, NEGLECT, ABUSE, OR MISUSE OF THE PRODUCT. MOREVER, THE WARRANTY DOES NOT COVER A PRODUCT THAT HAS BEEN ALTERED IN ANY WAY FROM ITS ORIGINAL CONDITION, OR A PRODUCT THAT HAS BEEN OR IS BEING USED IN ANY WAY OTHER THAN THE PRODUCT'S DESIGNED INTENT. FOR WARRANTY TO REMAIN VALID, ALL SERVICE AND MAINTENANCE OF PRODUCT MUST BE PERFORMED BY AN AUTHORIZED SERVICE TECHNICIAN AND WRITTEN LOGS AND RECEIPTS FOR SERVICE MUST BE MAINTAINED.

NO CLAIM FOR CONSEQUENTIAL DAMAGES WILL BE ALLOWED. FREIGHT DAMAGE OR MISHANDLING OF BY ANY THIRD PARTY SHALL NOT BE CONSIDERED A WARRANTY ITEM. IMPROPER INSTALLATION BY A THIRD PARTY CAUSING DAMAGE TO EQUIPMENT IS NOT A WARRANTY ITEM. BOYD RESERVES THE RIGHT TO ALTER OR CHANGE ANY PRODUCT WITHOUT NOTICE.

SAFETY WARNING SYMBOLS
SYMBOLES D'AVERTISSEMENT DE SÉCURITÉ

CAUTION: RISK OF ELECTRICAL SHOCK
ATTENTION: RISQUE DE CHOC ÉLECTRIQUE

CAUTION: GENERAL DANGER
ATTENTION:DANGER

CAUTION: HAND CRUSH FORCE FROM REAR
ATTENTION: ÉCRASER LA MAIN DE FORCE arrière

INFORMATIONAL: READ OPERATOR'S MANUAL
INFORMATION: LECTURE DU MANUEL DE L'OPÉRATEUR

CAUTION: HAND CRUSH FORCE FROM ABOVE
ATTENTION: ÉCRASER LA MAIN AU-DESSUS DE LA FORCE

INFORMATIONAL: READ TECHNICAL MANUAL BEFORE SERVICING
D'INFORMATION: LIRE MANUEL TECHNIQUE AVANT DE

MAIN POWER ON
MAINS-POWER-ON

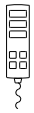
MAIN POWER OFF
MAINS-POWER-ON

ACCESSORY POWER ON
SUR LES ACCESSOIRES

ACCESSORY POWER OFF
ACCESSOIRES OFF

PODIATRY TABLE
TABLEAU PODOLOGIE

HAND CONTROL
PART DE CONTRÔLE



LIGHT

TYPE B EQUIPMENT
ÉQUIPEMENT DE TYPE B

PROTECTIVE EARTH GROUND
PROTECTION ÉCHOUEMENT TERRE

EARTH GROUND
ÉCHOUEMENT TERRE

-WARNING-AVERTISSEMENT

ALWAYS DISCONNECT THE AC POWER CORD AND PRESS THE MEMORY POSITION "1" SWITCH BEFORE DISCONNECTING OR CONNECTING MOTOR CABLES. FAILURE TO DISCONNECT THE AC POWER CORD WILL CAUSE DAMAGE TO THE CONTROL BOX.

TOUJOURS DÉBRANCHER LE CORDON D'ALIMENTATION ET DE LA MÉMOIRE, APPUYEZ SUR LA POSITION "1" AVANT DE DÉBRANCHER OU DE CONNECTER LES CÂBLES MOTEUR. ÉCHEC DE DÉBRANCHER LE CORDON D'ALIMENTATION SERA DE CAUSER DES DOMMAGES À LA BOÎTE DE CONTRÔLE.

SAFETY PRECAUTIONS

1. Medical Electrical equipment needs special precautions regarding EMC and needs to be installed and put into service according to the EMC information provided in this manual.
2. Portable and mobile RF communications equipment can effect medical electrical equipment.
3. The use of accessories, transducers, and cables other than those specified by the manufacturer, may result in increased emissions or decreased immunity of the S -2614, S-2614FP, S-2615, S-2615FP, S-2914, S-2914FP Surgery Chairs.
4. The S-2614, S-2614FP, S-2615, S-2615FP, S-2914, S-2914FP Surgery Chairs should not be used adjacent to or stacked with other equipment, and that if adjacent to or stacked use is necessary, the S-2614, S-2614FP, S-2615, S-2615FP, S-2914, S-2914FP Surgery Chairs should be observed to verify normal operation in the configuration in which it will be used.

SÉCURITÉ

1. L'appareillage électrique médical a besoin des précautions spéciales concernant EMC et doit être installé et mis en service selon les informations d'EMC fournies en ce manuel.
2. Le matériel de transmissions portatif et mobile de rf peut effectuer l'appareillage électrique médical
3. L'utilisation des accessoires, des capteurs, et des câbles autres que ceux indiqués par le fabricant, peut avoir comme conséquence les plus grandes émissions ou l'immunité diminuée de la chaise de PD-2350 Podiatry
4. La chaise PD-2350 podiatry ne devrait pas être employée à côté de ou empilée avec l'autre équipement, et cela si à côté de ou l'utilisation empilée est nécessaire, la chaise de PD-2350 Podiatry devrait être observée pour vérifier l'opération normale dans la configuration dans laquelle elle sera employée.

SAFETY PRECAUTIONS

SÉCURITÉ

THIS PRODUCT HAS BEEN DESIGNED AND TESTED WITH YOUR SAFETY IN MIND. IMPROPER USE CAN RESULT IN ELECTRIC SHOCK OR OTHER PHYSICAL INJURIES. DO NOT DEFEAT THE SAFEGUARDS THAT HAVE BEEN DESIGNED INTO THIS PRODUCT. PLEASE READ AND OBSERVE THE FOLLOWING SAFETY POINTS WHEN INSTALLING AND OPERATING THIS PRODUCT, AND SAVE THIS MANUAL AND ALL SUPPLEMENTAL LITERATURE FOR FUTURE REFERENCE. OBSERVING PRECAUTIONS LISTED IN THIS BOOKLET WILL HELP YOU GET MANY YEARS OF SERVICE AND SAFE OPERATION FROM YOUR EQUIPMENT.

CE PRODUIT A ÉTÉ CONÇU ET TESTÉ AVEC LA SÉCURITÉ DANS VOTRE ESPRIT. USAGE IMPROPRE PEUT ENTRAÎNER UN CHOC ÉLECTRIQUE OU D'AUTRES BLESSURES PHYSIQUES. DÉFAITE N'ONT PAS LES GARANTIES QUI ONT ÉTÉ CONÇUS DANS CE PRODUIT. S'IL VOUS PLAÎT LIRE ET D'OBSERVER LES POINTS SUIVANTS DE SÉCURITÉ LORS DE L'INSTALLATION ET DE FONCTIONNEMENT DE CE PRODUIT, ET DE METTRE CE MANUEL ET TOUTES LES COMPLÉMENTAIRES LITTÉRATURE POUR RÉFÉRENCE FUTURE. LES MESURES DE PRÉCAUTION D'OBSERVATION DANS CETTE BROCHURE VOUS AIDERA À OBTENIR DE NOMBREUSES ANNÉES DE SERVICE ET DE SÉCURITÉ DE L'EXPLOITATION DE VOTRE ÉQUIPEMENT.

READ INSTRUCTIONS:
ALL SAFETY AND OPERATING INSTRUCTIONS SHOULD BE READ BEFORE THIS PRODUCT IS OPERATED.

LIRE LES INSTRUCTIONS:
TOUTES LES MESURES DE SÉCURITÉ ET INSTRUCTIONS DE FONCTIONNEMENT DOIVENT ÊTRE LUES AVANT DE CE PRODUIT EST EXPLOITÉ.

2) FOLLOW INSTRUCTIONS:
ALL USE AND OPERATING INSTRUCTIONS SHOULD BE FOLLOWED.

SUIVEZ LES INSTRUCTIONS:
ET UTILISER TOUTES LES INSTRUCTIONS DE FONCTIONNEMENT DOIVENT ÊTRE SUIVIES.

3) OWNERS MANUAL:
RETAIN SAFETY AND OPERATING INSTRUCTIONS FOR FUTURE REFERENCE.

OWNERS MANUAL:
MAINTENIR LA SÉCURITÉ ET INSTRUCTIONS DE FONCTIONNEMENT POUR L'AVE NIR REFERENCE.

4) HEED WARNINGS:
ADHERE TO ALL WARNINGS ON EQUIPMENT AND IN OWNER'S MANUAL.

OBSERVER AVERTISSEMENTS:
ADHÉRER À TOUS LES AVERTISSEMENTS SUR L'ÉQUIPEMENT ET DU PRO PRIÉTAIRE EN MANUEL.

5) ACCESSORIES:
DO NOT USE ANY ACCESSORIES NOT RECOMMENDED BY THE MANUFACTURER AS THEY MIGHT CAUSE HAZARDS.

ACCESSOIRES:
NE PAS UTILISER D'ACCESSOIRES NON RECOMMANDÉS PAR LA FABRICANT CAR ELLES POURRAIENT PROVOQUER DES RISQUES.

6) CLEANING:
USE MILD DETERGENT IN WATER ON ALL PAINTED SURFACES AND PLASTIC PARTS. USE ONLY CLEANERS SPECIFICALLY DESIGNED FOR CLEANING / DISINFECTING VINYL UPHOLSTERY. REFER TO VINYL MANUFACTURER'S DOCUMENTATION FOR SPECIFIC CLEANING INFORMATION.

NETTOYAGE:
UTILISER UN DÉTERGENT DOUX DANS DE L'EAU SUR TOUTES LES SURFACES

SAFETY PRECAUTIONS (CONTINUED)
SÉCURITÉ (SUITE)

PEINTES ET DES PIÈCES EN PLASTIQUE.UTILISER SEULEMENT DES NETTOYANTS SPÉCIA LEMENT CONÇU POUR LE NETOYA GE / LA DÉSINFECTION DE VINYLE REMBOURRAGE. VINY LE RÉFÉRER À LA DO CUMENTATION DU FABRICANT POUR LE NETTOYAGE DES INFORMA TIONS SPÉCIFIQUES.

7) LINE CORD:

THIS PRODUCT IS EQUIPPED WITH A POLARIZED, GROUNDED, ALTERNATING CURRENT LINE PLUG. THIS PLUG WILL FIT INTO THE POWER OUTLET ONLY ONE WAY. THIS IS A SAFETY FEATURE. IF YOU ARE UNABLE TO INSERT THE PLUG INTO YOUR OUTLET, CONTACT A LOCAL ELECTRI CIAN TO REPLACE YOUR OBSOLETE A/C OUTLET.

CORDON:

CE PRODUIT EST ÉQUIPÉ D'UN POLARISÉE, LA TERRE, COURANT ALTERNATIF PLUG LIGNE. CE PLUG VA S'INSCRIRE DANS LA PUIS SANCE DE SORTIE QUE D'UN SEUL CÔTÉ. C'EST UNE MESURE DE SÉCURITÉ. SI VOUS SONT PAS EN MESURE D'INSÉRER LA FICHE DANS VOTRE POINT DE VENTE, COMMUNIQUEZ AVEC UN ÉLECTRICIEN LOCAL POUR REMPLACER VOTRE OBSOLÈTES A/C DE SORTIE.

8) OPERATING ENVIRONMENT:

THIS EQUIPMENT IS NOT SUITABLE FOR USE IN THE PRESENCE OF FLAMMABLE ANESTHETICS.

ENVIRONNEMENT D'EXPLOITATION:

CE MATÉRIEL N'EST PAS ADAPTÉ POUR ÊTRE UTILISÉ DANS LA PRÉSENCE DE INFLAMMABLE ANESTHÉSIQUES.

9) POWER CORD PROTECTION:

POWER SUPPLY CORDS SHOULD BE ROUTED SO THAT THEY ARE NOT WALKED ON OR DAMAGED BY ANY OTHER EQUIPMENT PLACED UPON OR AGAINST THEM. PAY CLOSE ATTENTION TO CORDS AT PLUGS, CONVENIENCE RECEPTACLES, AND WHERE THEY EXIT THE EQUIPMENT.

CORDON D'ALIMENTATION DE PROTECTION:

POWER SUPPLY CORDONS DOIVENT ÊTRE ACHEMINÉS AFIN QU'ILS NE SONT PAS PIÉTINÉ OU ENDOMMAGÉS PAR TOUT AUTRE MATÉRIEL PLACÉ SUR OU CONTRE EUX. ACCORDER UNE ATTENTION PARTICULIÈRE AUX CORDONS À FICHES, ET OÙ ILS SORTENT DE L'ÉQUIPEMENT.

10) LIQUID AND OBJECT ENTRY:

NEVER INTENTIONALLY SPILL OR POUR LIQUIDS OF ANY KIND ON THIS EQUIPMENT. NEVER PUSH OBJECTS OF ANY TYPE INTO OPENINGS AS THEY COULD TOUCH MOVING PARTS OR DANGEROUS VOLTAGE POINTS INSIDE EQUIPMENT WHICH COULD CAUSE FIRE HAZARD, ELECTRIC SHOCK, AND / OR BODILY INJURY.

LIQUIDE D'ENTRÉE ET DE L'OBJET:

JAMAIS INTENTIONNELLEMENT OU POUR DES DÉVERSEMENTS DE LIQUIDES DE TOUTE NATURE SUR CE MATÉRIEL. JAMAIS POUSSER DES OBJETS DE TOUT TYPE EN OUVERTURES CAR ILS POURRAIENT TOUCHER LES PIÈCES MO BILES OU DES POINTS DE TENSION DANGEREUX INTÉRIEUR DE L'ÉQUIPE MENT QUI POURRAIT CAUSER DES RISQUES D'INCENDIE, D'ÉLECTROCU TION, ET / OU DE PRÉJUDICE CORPOREL.

11) SERVICING:

DO NOT ATTEMPT TO SERVICE THIS PRODUCT YOURSELF. THIS ACTION WILL VOID ANY WARRANTIES. OPENING COVERS COULD EXPOSE YOU TO DANGEROUS CURRENT AND MECHANICAL PINCH POINTS. SERVICE SHOULD ONLY BE PERFORMED BY QUALIFIED SERVICE PERSONNEL. CONTACT THE FACTORY FOR AUTHORIZED SERVICE FACILITIES IN YOUR AREA.

ENTRETIEN:

NE TENTEZ PAS DE RÉPARER LE PRODUIT VOUS-MÊME. CE ACTION ANNULERA TOUTE GARANTIE. OUVERTURE COUVRE POURRAIT VOUS EXPOSER À UN DANGER ACTUEL ET MÉCANIQUES DE PINCEMENT POINTS. SERVICE NE DOIT ÊTRE EFFECTUÉE PAR DES

SERVICE PERSONNEL. CONTACTER L'USINE POUR AUTORISÉ
INSTALLATIONS DE SERVICE DANS VOTRE RÉGION.

12) DAMAGE OR FAILURES REQUIRING SERVICE:
UNPLUG EQUIPMENT FROM POWER SOURCE AND CONTACT QUALIFIED SERVICE PERSONNEL IF ANY OF THE FOLLOWING OCCUR.

* POWER SUPPLY CORD IS DAMAGED.
* LIQUID HAS BEEN SPILLED INTO EQUIPMENT.
* OBJECTS HAVE FALLEN INTO EQUIPMENT.
* EQUIPMENT HAS BEEN EXPOSED TO RAIN OR WATER.
* EQUIPMENT HAS BEEN DROPPED OR DAMAGED.
* EQUIPMENT SHOWS SIGNIFICANT CHANGE IN OPERATION.
* EQUIPMENT DOES NOT OPERATE NORMALLY.

LES DOMMAGES OU LES ÉCHECS DE SERVICE EXIGEANT:
DÉBRANCHER L'ÉQUIPEMENT DE SOURCE D'ALIMENTATION ET EN CONTACT AVEC DES FOURNISSEURS DE SERVICES PERSONNEL SI L'UN DES ÉVÉNEMENTS SUIVANTS SURVIENT.

* CORDON D'ALIMENTATION EST ENDOMMAGÉ.
* LIQUIDE A ÉTÉ RENVERSÉ EN MATÉRIEL.
* DES OBJETS SONT TOMBÉS DANS L'ÉQUIPEMENT.
* ÉQUIPEMENT A ÉTÉ EXPOSÉ À LA PLUIE OU L'EAU.
* ÉQUIPEMENT A ÉTÉ ÉCHAPPÉ OU ENDOMMAGÉ.
* ÉQUIPEMENT MONTRE DES CHANGEMENTS IMPORTANTS DANS LE FONCTIONNEMENT.
* L'ÉQUIPEMENT NE FONCTIONNE PAS NORMALEMENT.

13) REPLACEMENT PARTS:
IF REPLACEMENT PARTS ARE REQUIRED, PARTS SHOULD BE SUPPLIED OR APPROVED BY THE MANUFACTURER. UNAUTHORIZED SUBSTITUTIONS COULD RESULT IN ELECTRICAL SHOCK, FIRE HAZARD, AND / OR BODILY INJURY.

PIÈCES:
SI LE REMPLACEMENT DES PIÈCES SONT NÉCESSAIRES, LES PIÈCES DOIVENT ÊTRE FOURNI OU AGRÉÉ PAR LE FABRICANT. NON AUTORISÉ SUBSTITUTIONS POURRAIT ENTRAÎNER UN CHOC ÉLECTRIQUE, INCENDIE RISQUE, ET / OU DE PRÉJUDICE CORPOREL.

14) SAFETY CHECKS:
UPON THE COMPLETION OF ANY SERVICE TO EQUIPMENT, SERVICE PERSONNEL MUST PERFORM SAFETY CHECKS TO INSURE THAT ALL EQUIPMENT IS FUNCTIONING PROPERLY AND SAFELY.

DES CONTRÔLES DE SÉCURITÉ:
À L'ACCOMPLISSEMENT D'UN SERVICE DE L'ÉQUIPEMENT, LE PERSONNEL DE SERVICE DOIT EFFECTUER DES CONTRÔLES DE SÉCURITÉ AFIN D'ASSURER QUE TOUS LES L'ÉQUIPEMENT FONCTIONNE CORRECTEMENT ET SANS DANGER.

15) HEAT / OPEN FLAME:
EQUIPMENT SHOULD BE INSTALLED AWAY FROM HEAT SOURCES SUCH AS RADIATORS, HEAT REGISTERS, STOVES, OR OTHER PRODUCTS THAT PRODUCE HEAT OR OPEN FLAMES. THERE SHOULD BE NO SMOKING IN A ROOM WHERE THIS EQUIPMENT WILL BE OPERATED OR STORED.

CHALEUR / FLAMME NUE:
MATÉRIEL DOIT ÊTRE INSTALLÉ LOIN DES SOURCES DE CHALEUR COMME DES RADIATEURS, DES REGISTRES DE CHALEUR, DES POÊLES OU D'AUTRES PRODUITS QUI PRODUISENT DE LA CHALEUR OU DE FLAMMES NUES. IL NE DEVRAIT PAS ÊTRE FUMEUR DANS UNE PIÈCE OÙ CE MATÉRIEL SERA EXPLOITÉ OU STOCKÉES.

DESCRIPTION OF PRODUCT LINE

MODEL:	FEATURES:
S-2615 S-2615FP	TRI-FUNCTION FOOT CONTROL, POWER TAPERED BACK REST, CANTILEVERED LIFT BASE WITH 14" STROKE, POWER TILT FOR TRENDELENBURG POSITIONING.
S-2614, S-2914 S-2614FP, S-2914FP	QUAD-FUNCTION FOOT CONTROL, POWER TAPERED BACK REST, INDEPENDENT MOVEMENT OF TOE SECTION, CANTILEVERED LIFT BASE WITH 14" STROKE, POWER TILT FOR TRENDELENBURG POSITIONING.

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STANDARD SAFETY FEATURES

POWER SUPPLY	CHAIR/TABLE AND A/C OUTLETS ARE CIRCUIT BREAKER PROTECTED. POWER SUPPLY/ MOTOR CONTROL BOX TRANSFORMER SHUTS DOWN AUTOMATICALLY WHEN MOTOR (S) ARE NOT BEING USED.
FOOT CONTROL	WHEN CHAIR IS MOVING TO ANY PRESET POSITION, IT CAN BE STOPPED IMMEDIATELY BY PRESSING ANY DIRECTIONAL CONTROL BUTTON (I.E. BASE UP, BASE DOWN, ETC).
SAFETY SWITCH	A SAFETY SWITCH HAS BEEN DESIGNED INTO THE CANTILEVERED BASE. SHOULD AN OBJECT GET BETWEEN THE BASE AND LIFT MECHANISM, THE BASE WILL AUTOMATICALLY STOP MOVING DOWNWARD.

DES CARACTÉRISTIQUES DE SÉCURITÉ STANDARD

POWER SUPPLY	PRÉSIDENT ET A/C POINTS DE VENTE SONT PROTÉGÉES DISJONCTEUR. ALIMENTATION/BOÎTIER DE CONTRÔLE MOTEUR TRANSFORMATEUR S'ARRÊTE AUTOMATIQUEMENT EN CAS DE MOTEUR (S) NE SONT PAS UTILISÉS. D'ARRÊT D'URGENCE INTERRUPTEUR.
FOOT CONTROL	LORS DE PRÉSIDENT EST DE PASSER À UNE POSITION DE PRÉRÉGLAGE, IL PEUT ÊTRE ARRÊTÉE IMMÉDIATEMENT EN APPUYANT SUR N'IMPORTE QUELLE DIRECTIONNEL BOUTON DE CONTRÔLE DE PUISSANCE OU D'INTERRUPTION (IE DE BASE, BASE, ETC).
SÉCURITÉ SWITCH	UN INTERRUPTEUR DE SÉCURITÉ A ÉTÉ CONÇU DANS LA BASE DE FAUX. DEVRAIT OBTENIR UN OBJET ENTRE LA BASE ET LEVER MÉCANISME, LE PRÉSIDENT ARRÊTE AUTOMATIQUEMENT LE DÉPLACEMENT VERS LE BAS.

GENERAL PRODUCT INFORMATION

CHASSIS	WELDED STEEL FRAME SEAT, BACK, TOE, AND BASE
UPHOLSTERY	STANDARD UPHOLSTERY IS VINYL; UPGRADES ARE AVAILABLE. UPHOLSTERY IS DESIGNED FOR HUMAN CONTACT AND FORMULATED TO ACHIEVE THE HIGHEST PERFORMANCE STANDARDS.
MOVEMENTS	CANTILEVERED BASE: VERTICAL - 14” (356mm) VERTICAL LIFT BASE: VERTICAL - 16” (406mm)
NET WEIGHT	2614 CHAIR—275 lbs (125kg) 2615 CHAIR - 260 lbs (118 kg) 2914 CHAIR - 295 lbs (122 kg)
ELECTRICAL	24V D/C LOW VOLTAGE MOTORS MICROPROCESSOR CONTROLLED CHAIR/TABLE OPERATES AT 24V D/C NOTE: THIS PRODUCT HAS BEEN TESTED AND FOUND TO BE IMMUNE TO ESD, RADIATED RFI, ELECTRICAL FLASH TRANSIENTS/ BURSTS, AND ELECTRICAL SURGES IN ACCORDANCE WITH EN60601-2: 1993
POWER SUPPLY RATING	115VAC 60HZ 10A OR 230VAC 50HZ 7A CHECK SERIAL TAG FOR REQUIRED VOLTAGE
PROTECTION ELECTRICAL SHOCK	CLASS : I TYPE: B
LIQUID PROTECTION	DRIP PROOF: IPX I
OPERATION MODE	INTERMITTENT DUTY 10% (6 MIN ON / 60 MIN OFF)
LIFT CAPACITY	500 lbs (227 kg) WITH NORMAL WEIGHT DISTRIBUTION

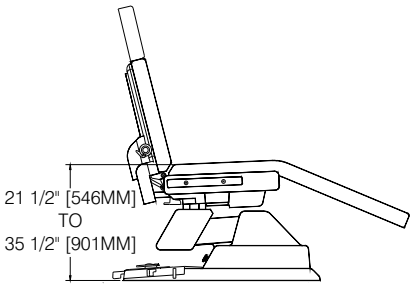
NOTE: DO NOT SIT ON BACK OR TOE SECTION. BACK AND TOE SECTIONS ARE NOT DESIGNED TO SUPPORT FULL WEIGHT OF PATIENT.

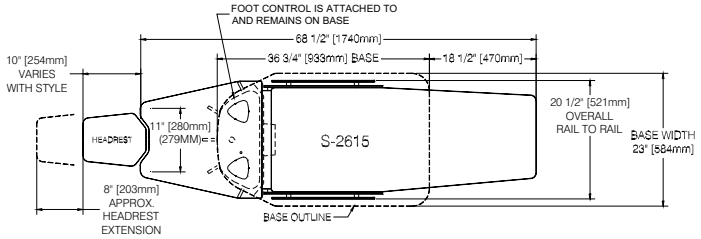
REMARQUE: NE PAS S'ASSEOIR SUR LE DOS OU LA JAMBE D'APPUI SECTION. DOS ET LA JAMBE D'APPUI SECTIONS NE SONT PAS CONÇUS POUR SOUTENIR TOUT LE POIDS DU PATIENT.

SEE SALES / ACCESSORY CATALOG FOR APPROVED ACCESSORIES.

NOTE: INSTALLATION OF UNAPPROVED ACCESSORIES WILL VOID WARRANTY AND MAY RENDER CHAIR UNSAFE.

PRODUCT SPECIFICATIONS

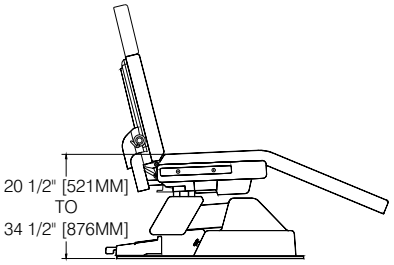


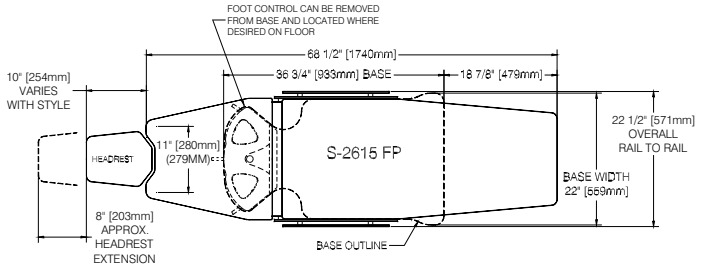


S-2615
Specifications

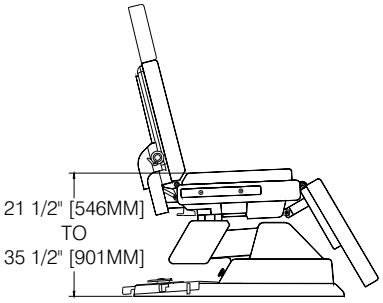
Length: 78 1/2” (1994 mm)
Width: 22 1/2” (572 mm) less arms
Starting Height: 21 1/2” (546 mm)
Starting Height FP: 20
1/2” (521mm)
Finish Height: 35 1/2” (901 mm)
Finish Height FP: 34 1/2” (876mm)
Electrical Requirements:
110 VAC, 10 Amp
220 VAC, 7 Amp

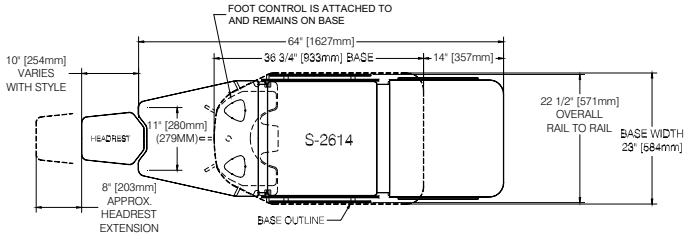
S-2615 STANDARD




FOOT CONTROL CAN BE REMOVED FROM BASE AND LOCATED WHERE DESIRED ON FLOOR
68 1/2" [1740mm]
36 3/4" [933mm] BASE
18 7/8" [479mm]
10" [254mm] VARIES WITH STYLE
HEADREST
11" [280mm] (279MM)
S-2615 FP
22 1/2" [571mm] OVERALL RAIL TO RAIL
BASE WIDTH 22" [559mm]
8" [203mm] APPROX. HEADREST EXTENSION
BASE OUTLINE

S-2615FP FLAT PLATE

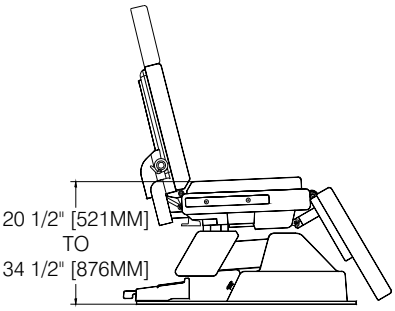


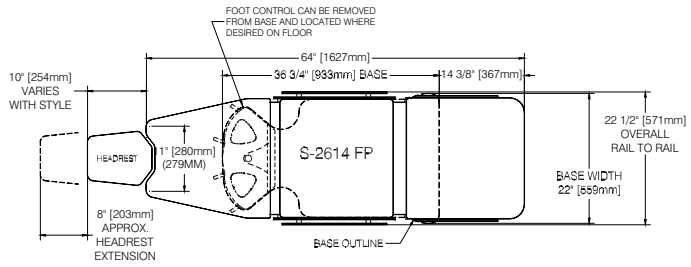


S-2614
Specifications

Length: 73” (1854 mm)
Width: 22 1/2” (572 mm) less arms
Starting Height: 21 1/2” (546 mm)
Starting Height FP:20
1/2” (521mm)
Finish Height: 35 1/2” (901 mm)
Finish Height FP: 34
1/2” (876mm)
Electrical Requirements:
110 VAC, 10 Amp
220 VAC, 7 Amp

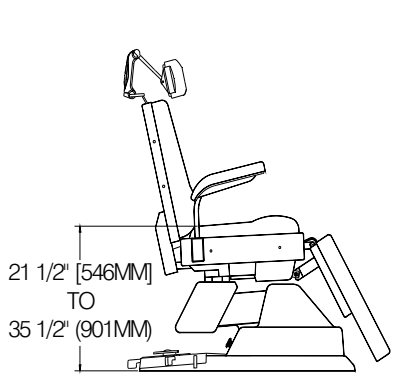
S-2614 STANDARD

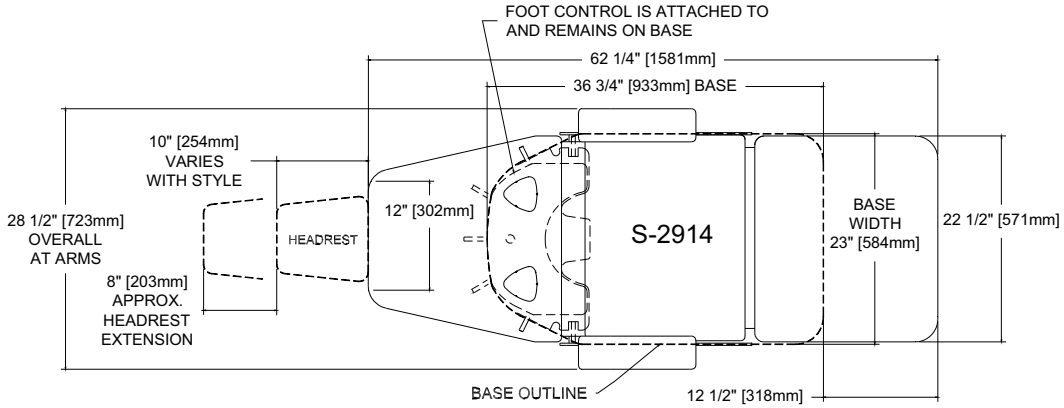



FOOT CONTROL CAN BE REMOVED FROM BASE AND LOCATED WHERE DESIRED ON FLOOR
64" [1627mm]
36 3/4" [933mm] BASE
14 3/8" [367mm]
10" [254mm] VARIES WITH STYLE
HEADREST
1" [280mm] (279MM)
S-2614 FP
22 1/2" [571mm] OVERALL RAIL TO RAIL
BASE WIDTH 22" [559mm]
8" [203mm] APPROX. HEADREST EXTENSION
BASE OUTLINE

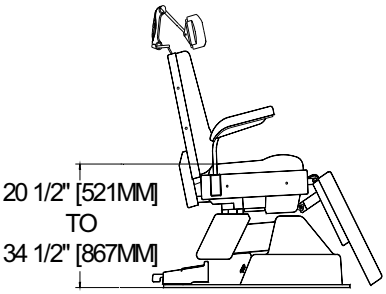
S-2614FP FLAT PLATE

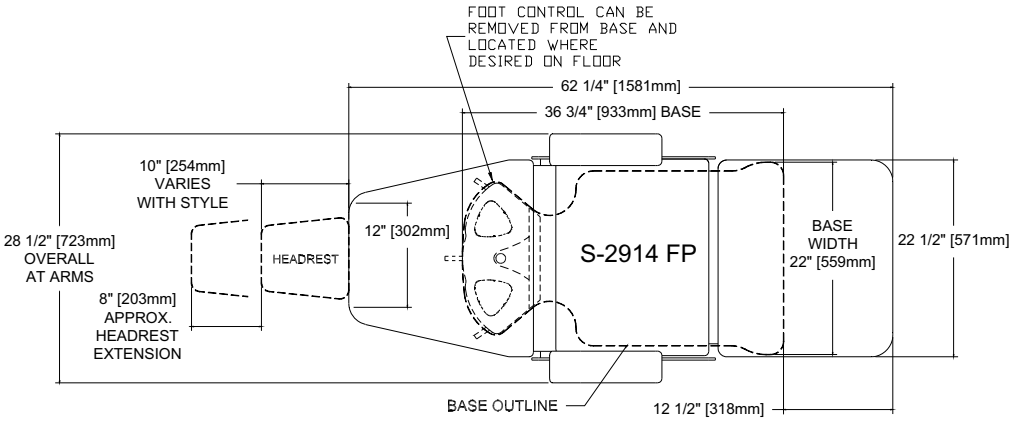
PRODUCT SPECIFICATIONS
(CONTINUED)





S-2914 STANDARD





S-2914FP FLAT PLATE

S-2914
Specifications

Length: 73” (1854 mm)
Width: 28 1/2” (723 mm) across arms
Starting Height: 21 1/2” (546 mm)
Starting Height FP:20 1/2” (521mm)
Finish Height: 35 1/2” (901 mm)
Finish Height FP: 34 1/2” (876mm)
Electrical Requirements:

UNPACKING

PRE ASSEMBLY CHECK

UNPACK SHIPPING CARTONS CAREFULLY AND CHECK TO SEE THAT ALL PARTS ARE RECEIVED AND HAVE NOT BEEN DAMAGED DURING SHIPPING.

CAUTION:

WHEN MANUALLY LIFTING-CHAIR SHOULD BE LIFTED FROM BELOW MAIN SEAT FRAME. AT LEAST TWO PEOPLE ARE NEEDED. DO NOT AT ANY TIME MOVE OR LIFT CHAIR BY LIFTING ON BACK, LEG SUPPORT SECTION, OR ARMS.

MANUELLEMENT LORS DE LA LEVÉE-PRÉSIDENT DEVRAIENT ÊTRE LEVÉES AU-DESSOUS DU SIÈGE PRINCIPAL CADRE. AU MOINS DEUX PERSONNES SONT NÉCESSAIRES. NE SONT PAS À N'IMPORTE QUEL MOMENT, OU PAR ASCENSEUR CHAISE DE LEVAGE SUR LE DOS, LA JAMBE D'APPUI SECTION, OU LES ARMES.

CONTENTS

COMPLETE CHAIR:

FOR FORKLIFT LIFTING-CHAIR SHOULD BE LIFTED WITH FORKS UNDER THE BASE. DO NOT INSERT FORKS BELOW SEAT, THIS WILL DAMAGE THE CHAIR.

BASE ONLY:

CHAIR AND BASE ASSEMBLED, WITH UPHOLSTERY
FOUR FLOOR ANCHORS
ACCESSORIES (I.E. LIGHTPOST, ETC...)
OWNER'S / OPERATOR'S MANUAL

CHAIR TOP:

BASE WITH PD-2350 ADAPTER PLATE
FOUR FLOOR ANCHORS
A/C POWER CABLE

UPHOLSTERY:

CHAIR TOP
A/C POWER CABLE
HARDWARE FOR ATTACHING TABLE TOP TO BASE.
OWNER'S / OPERATOR'S MANUAL
ACCESSORIES (I.E. LIGHTPOST, ETC...)

BACK, SEAT, LEG SUPPORT UPHOLSTERY
AND ARMS (ARMS ARE COMPLETE WITH SUPPORT
ROD & PLASTIC COVER)

(NOTE: ACCESSORIES MAY BE PACKAGED SEPARATELY)

POWER REQUIREMENTS

MISE EN SERVICE

CHECK CHAIR SERIAL TAG FOR REQUIRED VOLTAGE SPECIFICATIONS.
(REMOVE SEAT CUSHION TO SEE SERIAL NUMBER LABEL)
VÉRIFIER PRÉSIDENT DE SÉRIE TAG TENSION REQUISE POUR CAHIER DES CHARGES.
(SUPPRIMER COUSSIN POUR VOIR ÉTIQUETTE DU NUMÉRO DE SÉRIE)

115 VOLT MODEL
115-120 VAC ~ 60 Hz
10 AMP
(STANDARD U.S.)

MODÈLE 115 VOLT
115-120 VAC 60 HZ ~
10 AMP
(STANDARD US)

230 VOLT MODELS
230-240 VAC ~ 50 Hz
7 AMP
(INTERNATIONAL)

MODÈLES 230 VOLTS
230-240 VAC 50 HZ ~
7 AMP
(INTERNATIONAL)

CHAIR INSTALLATION INSTRUCTIONS

LOCATION: FULL SIZE TEMPLATES ARE AVAILABLE UPON REQUEST, FOR LAYING OUT LOCATION OF CHAIRS PRIOR TO ACTUAL INSTALLATION.

NOTE: CHAIR MUST BE ANCHORED TO FLOOR.
FAILURE TO DO SO MAY RESULT IN SERIOUS BODILY INJURY TO OPERATOR AND/OR PATIENT AND COULD CAUSE UNWARRANTED PRODUCT DAMAGE.
CHAIRS NOT PROPERLY ANCHORED DO NOT MEET WARRANTY REQUIREMENTS

REMARQUE: CHAISE DOIT ÊTRE ANCRÉE AU SOL.
NE PAS LE FAIRE MAI ENTRAÎNER DE GRAVES BLESSURES CORPORELLES À L'OPÉRATEUR ET / OU DU PATIENT ET POURRAIT CAUSER DES DOMMAGES INJUSTIFIÉS PRODUIT.
CHAISES PAS CORRECTEMENT ANCRÉES NE RÉPONDENT PAS AUX EXI-GENCES DE GARANTIE

1) POSITION CHAIR AS DESIRED. DRILL HOLES IN FLOOR THROUGH MOUNTING HOLES. ANCHOR BASE TO FLOOR WITH FOUR ANCHORS PROVIDED.
2) MAKE UTILITY CONNECTIONS IN FLOOR IN FRONT OF BASE (IF REQUIRED).

3) INSURE ALL SAFETY COVERS ARE IN PLACE AND REMOVABLE UPHOLSTERY IS SECURE. SHIFTING MAY HAVE OCCURRED DURING HANDLING OR SHIPPING.
4) PLUG POWER CORD INTO REQUIRED VOLTAGE OUTLET. (SEE SERIAL TAG FOR VOLTAGE REQUIREMENT.)
   NOTE: CHAIR SHOULD BE PLUGGED INTO HOSPITAL GRADE GROUNDED RECEPTACLE ONLY.

   BRANCHER LE CORDON D'ALIMENTATION EN TENSION DE SORTIE REQUISE. (VOIR SERIAL TAG EXIGENCE DE TENSION.)
   REMARQUE: CHAISE DOIT ÊTRE BRANCHÉ À L'HÔPITAL GRADE TERRE RECEPTACLE SEULEMENT.

5) TURN MAIN POWER SWITCH (C1) ON. (LOCATED ON THE BASE CONTROL PANEL)
6) PERFORM SAFETY AND OPERATIONAL CHECK.
7) IF CHAIR DOES NOT OPERATE CORRECTLY, SEE THE “TROUBLE SHOOTING” SECTION OF THIS MANUAL.
8) WHEN CHAIR IS OPERATING CORRECTLY, TURN POWER OFF (C1) UNTIL THE CHAIR IS TO BE USED.

OPERATING YOUR SURGERY CHAIR/ TABLE

INITIALIZING MOTORS:

IT IS IMPORTANT TO INITIALIZE MOTORS AFTER INSTALLATION TO ENSURE PROPER OPERATION OF THE CHAIR AND TO ENSURE ACCURATE PROGRAMMING.

AFTER INSTALLATION, RUN BACK DOWN COMPLETELY, TILT SEAT UP COMPLETELY, AND BASE UP COMPLETELY. PRESS THE 'HOME' BUTTON. WHEN TABLE STOPS MOVING, INITIALIZATION IS COMPLETE.

PROGRAMMING INSTRUCTIONS:

1) READ THESE INSTRUCTIONS COMPLETELY BEFORE YOU BEGIN PROGRAMMING.

2) INITIALIZE MOTORS (SEE ABOVE).

3) POSITION THE BASE, SEAT, AND/OR BACK AS DESIRED.

4) WAIT AT LEAST THREE (3) SECONDS THEN:
a) PUSH AND **HOLD** THE SAVE BUTTON FOR 5-10 SECONDS UNTIL A BEEP IS HEARD.
b) WITHIN 2 ADDITIONAL SECONDS, DEPRESS AND HOLD THE BUTTON OF THE DESIRED MEMORY POSITION (I.E. "1","2","3") . A BEEP WILL BE HEARD. THE BEEP INDICATES THAT THE DESIRED POSITION HAS BEEN SAVED TO THE SELECTED MEMORY POSITION. THIS ACTION ERASES ANY PREVIOUSLY PROGRAMMED POSITION ASSIGNED TO THE SELECTED MEMORY POSITION SWITCH.
NOTE: A MEMORY POSITION CANNOT BE DELETED, ONLY OVERWRITTEN WITH A NEW POSITION.

5) REPOSITION CHAIR AND RECALL THAT POSITION TO ENSURE THAT IT HAS BEEN PROGRAMMED CORRECTLY.

6) REPEAT STEPS 2,3,4, AND 5 UNTIL ALL DESIRED POSITIONS ARE PROGRAMMED. YOU CAN SAVE UP TO 3 POSITIONS.

7) HOME IS A PRESET POSITION AND CANNOT BE CHANGED

PROGRAMMED AND HOME POSITIONS CAN BE ATTAINED AT ANYTIME WITH CHAIR IN ANY POSITION.

NOTE: TO ENSURE ACCURATE POSITION REPEATABILITY, THE HOME FUNCTION SHOULD BE USED REGULARLY. IF DEVIATION FROM SET PROGRAMMED POSITION OCCURS. REPEAT INITIALIZATION.

GENERAL OPERATING INSTRUCTIONS:

1) SEE FOLLOWING PAGES OF THIS SECTION FOR SYMBOLS AND THEIR DEFINITIONS.

2) WHILE SAFETY FEATURES (PREVIOUSLY COVERED) HAVE BEEN DESIGNED, IT IS STILL GOOD PRACTICE TO BE AWARE AND WATCH FOR OBSTRUCTIONS WHILE OPERATING CHAIR. NEVER AT ANY TIME ALLOW SMALL CHILDREN OR ANIMALS TO PLAY ON, AROUND, OR UNDERNEATH TABLE OR BASE WHETHER DURING OPERATION OR WHILE CHAIR IS IDLE.

3) CHAIR SHOULD BE TURNED OFF ANY TIME IT IS NOT BEING USED. THERE IS ALSO A POWER INTERRUPT FEATURE THAT ALLOWS YOU TO PUT THE MOTORS IN AN OFF POSITION WHILE LIGHT WILL STILL BE ON. THIS IS TO PREVENT ACCIDENTAL OPERATION OF CHAIR DURING PROCEDURES OR EXAMS. TO USE THE INTERRUPT FEATURE SIMPLY POSITION CHAIR AS DESIRED, THEN DEPRESS THE POWER INTERRUPT SWITCH. WHEN READY TO USE CHAIR AGAIN, DEPRESS POWER INTERRUPT SWITCH AGAIN. THIS WILL ALLOW YOU TO OPERATE THE MOTORS WITH THE FOOT SWITCHES AGAIN.

4) ANY TIME THERE IS AN OBVIOUS OBSTRUCTION THAT MAY HINDER NORMAL MOVEMENT OF CHAIR OR PARTS OF THE CHAIR, THE EMERGENCY STOP SWITCH SHOULD BE DEPRESSED IMMEDIATELY.

OPERATING YOUR SURGERY CHAIR/ TABLE (CONTINUED)

FOOT CONTROL
S-2615

NOTE: CHAIR MOVEMENT CAN BE STOPPED BY MOMENTARILY DEPRESSING ANY DIRECTIONAL CONTROL (I.E. BACK UP / BACK DOWN, BASE UP / BASE DOWN, TILT UP / TILT DOWN OR ANY PROGRAMMED POSITION).

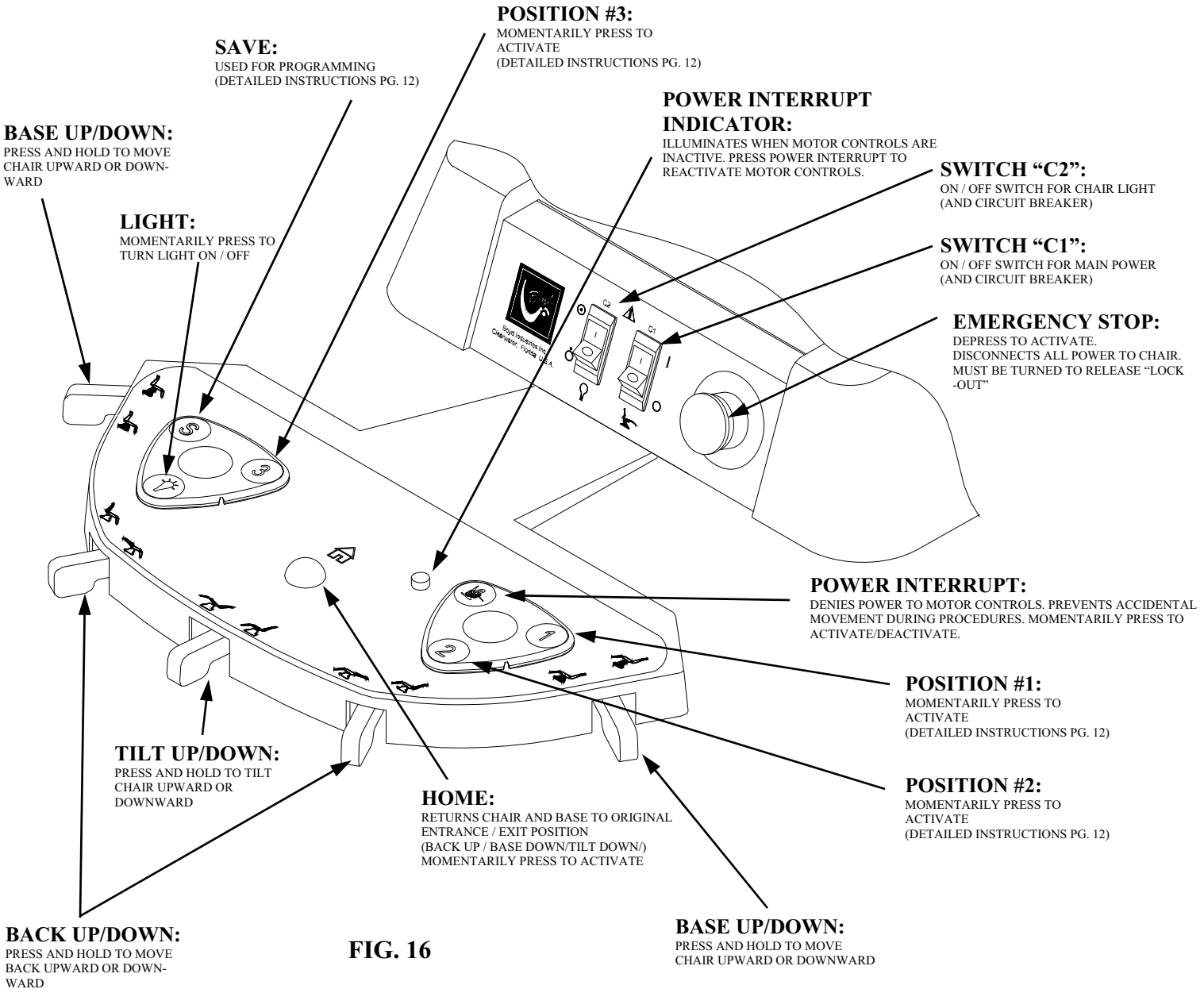

POSITION #3:
MOMENTARILY PRESS TO ACTIVATE
(DETAILED INSTRUCTIONS PG. 12)
SAVE:
USED FOR PROGRAMMING
(DETAILED INSTRUCTIONS PG. 12)
POWER INTERRUPT INDICATOR:
ILLUMINATES WHEN MOTOR CONTROLS ARE INACTIVE. PRESS POWER INTERRUPT TO REACTIVATE MOTOR CONTROLS.
BASE UP/DOWN:
PRESS AND HOLD TO MOVE CHAIR UPWARD OR DOWN-WARD
SWITCH "C2":
ON / OFF SWITCH FOR CHAIR LIGHT (AND CIRCUIT BREAKER)
LIGHT:
MOMENTARILY PRESS TO TURN LIGHT ON / OFF
SWITCH "C1":
ON / OFF SWITCH FOR MAIN POWER (AND CIRCUIT BREAKER)
EMERGENCY STOP:
DEPRESS TO ACTIVATE.
DISCONNECTS ALL POWER TO CHAIR.
MUST BE TURNED TO RELEASE "LOCK -OUT"
POWER INTERRUPT:
DENIES POWER TO MOTOR CONTROLS. PREVENTS ACCIDENTAL MOVEMENT DURING PROCEDURES. MOMENTARILY PRESS TO ACTIVATE/DEACTIVATE.
POSITION #1:
MOMENTARILY PRESS TO ACTIVATE
(DETAILED INSTRUCTIONS PG. 12)
TILT UP/DOWN:
PRESS AND HOLD TO TILT CHAIR UPWARD OR DOWNWARD
HOME:
RETURNS CHAIR AND BASE TO ORIGINAL ENTRANCE / EXIT POSITION
(BACK UP / BASE DOWN/TILT DOWN/)
MOMENTARILY PRESS TO ACTIVATE
POSITION #2:
MOMENTARILY PRESS TO ACTIVATE
(DETAILED INSTRUCTIONS PG. 12)
BACK UP/DOWN:
PRESS AND HOLD TO MOVE BACK UPWARD OR DOWN-WARD
BASE UP/DOWN:
PRESS AND HOLD TO MOVE CHAIR UPWARD OR DOWNWARD

FIG. 16

OPERATING YOUR SURGERY CHAIR (CONTINUED)

S-2614/S-2914 FOOT CONTROL

NOTE: CHAIR MOVEMENT CAN BE STOPPED BY MOMENTARILY DEPRESSING ANY DIRECTIONAL CONTROL (I.E. BACK UP / BACK DOWN, BASE UP / BASE DOWN, TILT UP / TILT DOWN, HOME FUNCTION, POWER INTERRUPT, OR ANY PROGRAMMED POSITION).

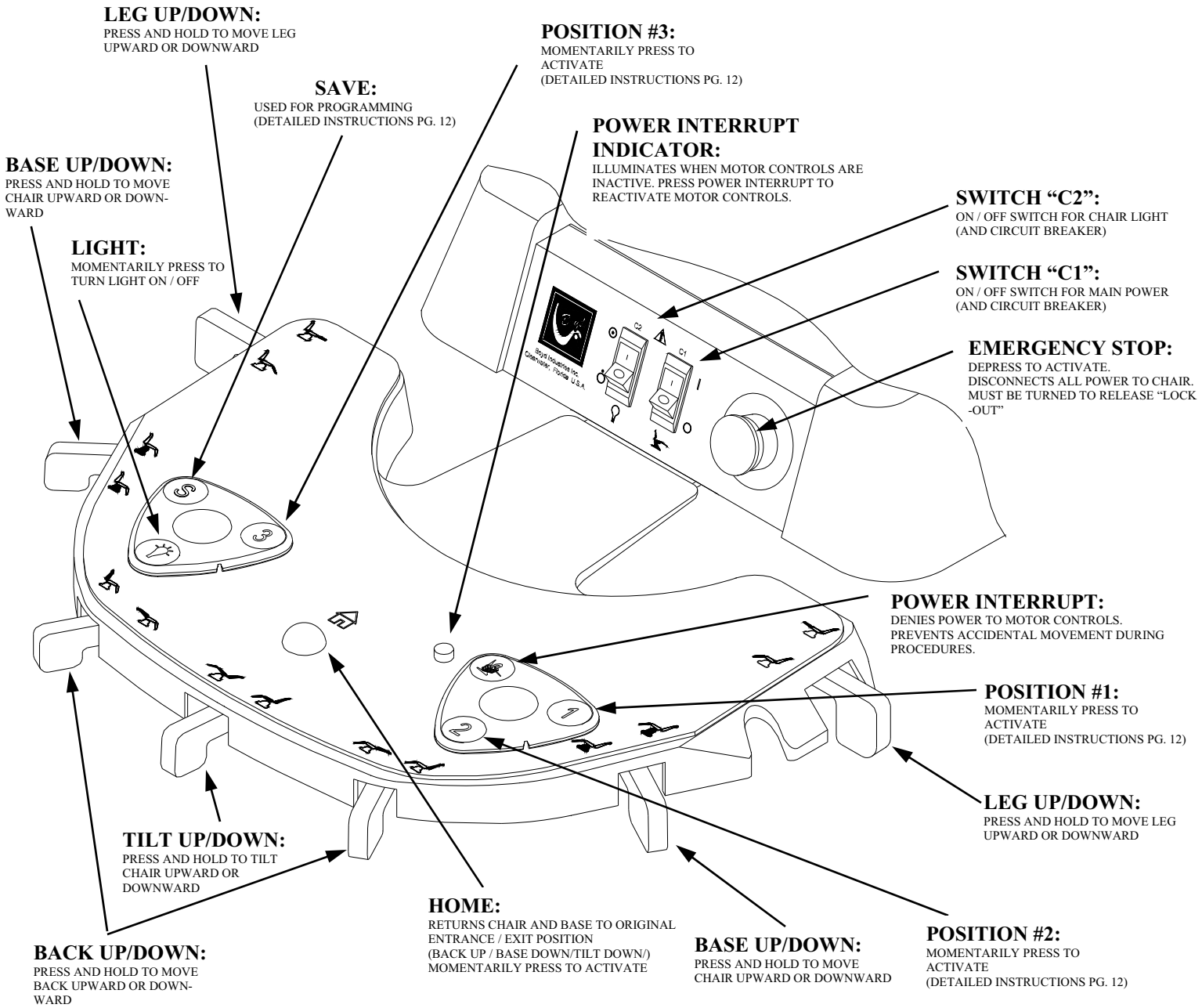

LEG UP/DOWN:
PRESS AND HOLD TO MOVE LEG UPWARD OR DOWNWARD
SAVE:
USED FOR PROGRAMMING (DETAILED INSTRUCTIONS PG. 12)
POSITION #3:
MOMENTARILY PRESS TO ACTIVATE (DETAILED INSTRUCTIONS PG. 12)
BASE UP/DOWN:
PRESS AND HOLD TO MOVE CHAIR UPWARD OR DOWN-WARD
LIGHT:
MOMENTARILY PRESS TO TURN LIGHT ON / OFF
POWER INTERRUPT INDICATOR:
ILLUMINATES WHEN MOTOR CONTROLS ARE INACTIVE. PRESS POWER INTERRUPT TO REACTIVATE MOTOR CONTROLS.
SWITCH "C2":
ON / OFF SWITCH FOR CHAIR LIGHT (AND CIRCUIT BREAKER)
SWITCH "C1":
ON / OFF SWITCH FOR MAIN POWER (AND CIRCUIT BREAKER)
EMERGENCY STOP:
DEPRESS TO ACTIVATE. DISCONNECTS ALL POWER TO CHAIR. MUST BE TURNED TO RELEASE "LOCK -OUT"
POWER INTERRUPT:
DENIES POWER TO MOTOR CONTROLS. PREVENTS ACCIDENTAL MOVEMENT DURING PROCEDURES.
POSITION #1:
MOMENTARILY PRESS TO ACTIVATE (DETAILED INSTRUCTIONS PG. 12)
LEG UP/DOWN:
PRESS AND HOLD TO MOVE LEG UPWARD OR DOWNWARD
TILT UP/DOWN:
PRESS AND HOLD TO TILT CHAIR UPWARD OR DOWNWARD
HOME:
RETURNS CHAIR AND BASE TO ORIGINAL ENTRANCE / EXIT POSITION (BACK UP / BASE DOWN/TILT DOWN/) MOMENTARILY PRESS TO ACTIVATE
BACK UP/DOWN:
PRESS AND HOLD TO MOVE BACK UPWARD OR DOWN-WARD
BASE UP/DOWN:
PRESS AND HOLD TO MOVE CHAIR UPWARD OR DOWNWARD
POSITION #2:
MOMENTARILY PRESS TO ACTIVATE (DETAILED INSTRUCTIONS PG. 12)

FIG. 17

OPERATING YOUR SURGERY CHAIR/ TABLE (CONTINUED)

TRI-FUNCTION FOOT CONTROL S-2615FP

NOTE: CHAIR MOVEMENT CAN BE STOPPED BY MOMENTARILY DEPRESSING ANY DIRECTIONAL CONTROL (I.E BACK UP/ DOWN, TILT UP/ DOWN, BASE UP/ DOWN OR ANY PROGRAMMED POSITION).

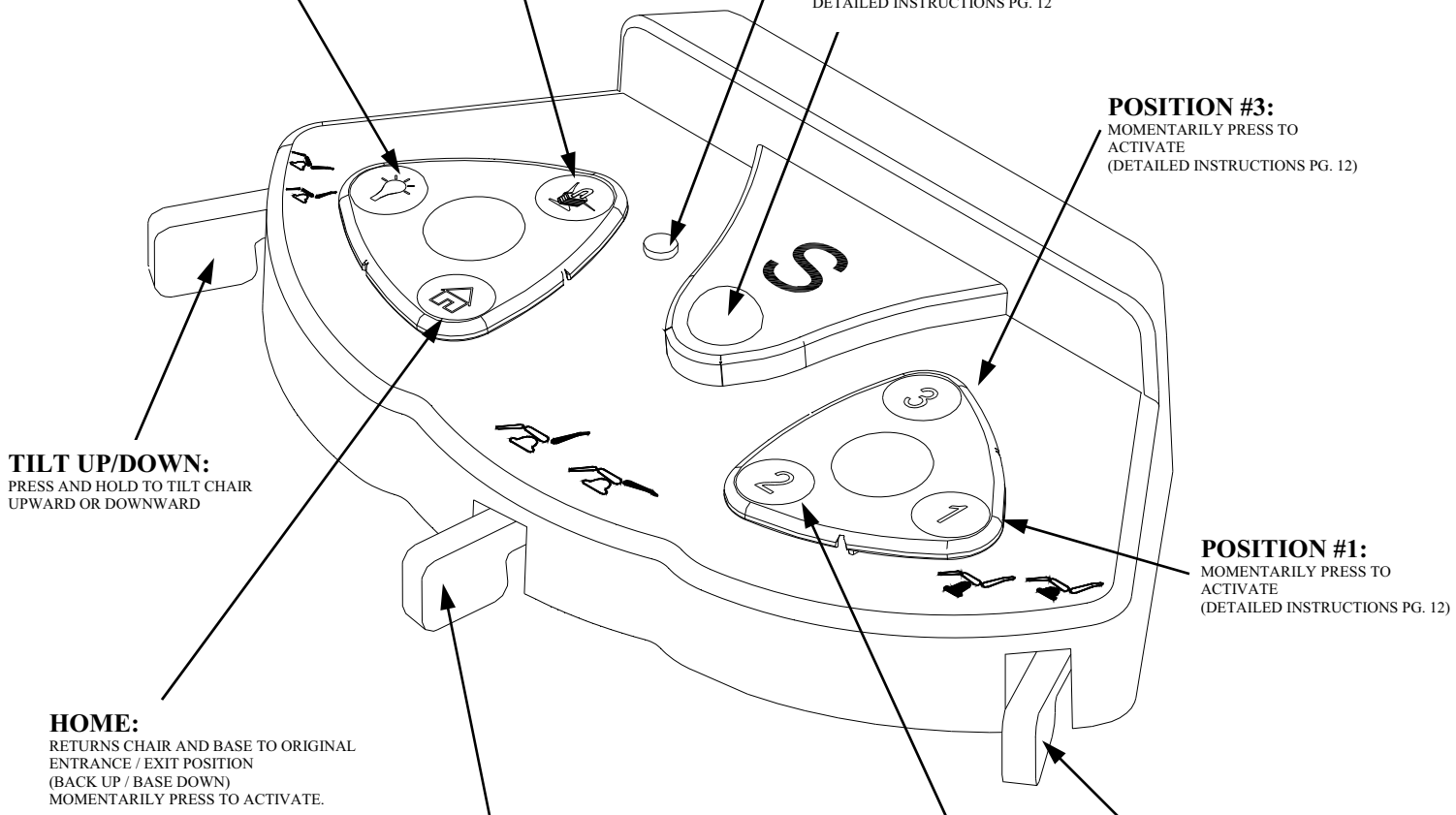

LIGHT:
MOMENTARILY PRESS TO TURN LIGHT ON / OFF
POWER INTERRUPT:
DENIES POWER TO MOTOR CONTROLS, TO PREVENT ACCIDENTAL MOVEMENT DURING PROCEDURES. MOMENTARILY PRESS TO ACTIVATE/ DEACTIVATE
POWER INTERRUPT INDICATOR:
ILLUMINATES WHEN MOTOR CONTROLS ARE INACTIVE. PRESS POWER INTERRUPT TO REACTIVATE MOTOR CONTROLS.
SAVE:
USED FOR PROGRAMMING DETAILED INSTRUCTIONS PG. 12
POSITION #3:
MOMENTARILY PRESS TO ACTIVATE (DETAILED INSTRUCTIONS PG. 12)
TILT UP/DOWN:
PRESS AND HOLD TO TILT CHAIR UPWARD OR DOWNWARD
POSITION #1:
MOMENTARILY PRESS TO ACTIVATE (DETAILED INSTRUCTIONS PG. 12)
HOME:
RETURNS CHAIR AND BASE TO ORIGINAL ENTRANCE / EXIT POSITION (BACK UP / BASE DOWN) MOMENTARILY PRESS TO ACTIVATE.
BASE UP/DOWN:
PRESS AND HOLD TO MOVE CHAIR UPWARD OR DOWNWARD
BACK UP/DOWN:
PRESS AND HOLD TO MOVE BACK UPWARD OR DOWNWARD
POSITION #2:
MOMENTARILY PRESS TO ACTIVATE (DETAILED INSTRUCTIONS PG. 12)

FIG. 18

OPERATING YOUR SURGERY CHAIR/ TABLE (CONTINUED)

QUAD-FUNCTION FOOT CONTROL S-2614FP/S-2914FP

NOTE: CHAIR MOVEMENT CAN BE STOPPED BY MOMENTARILY DEPRESSING ANY DIRECTIONAL CONTROL (I.E. BACK UP/ DOWN, TILT UP/ DOWN, BASE UP/ DOWN, TOE UP/ DOWN OR ANY PROGRAMMED POSITION).

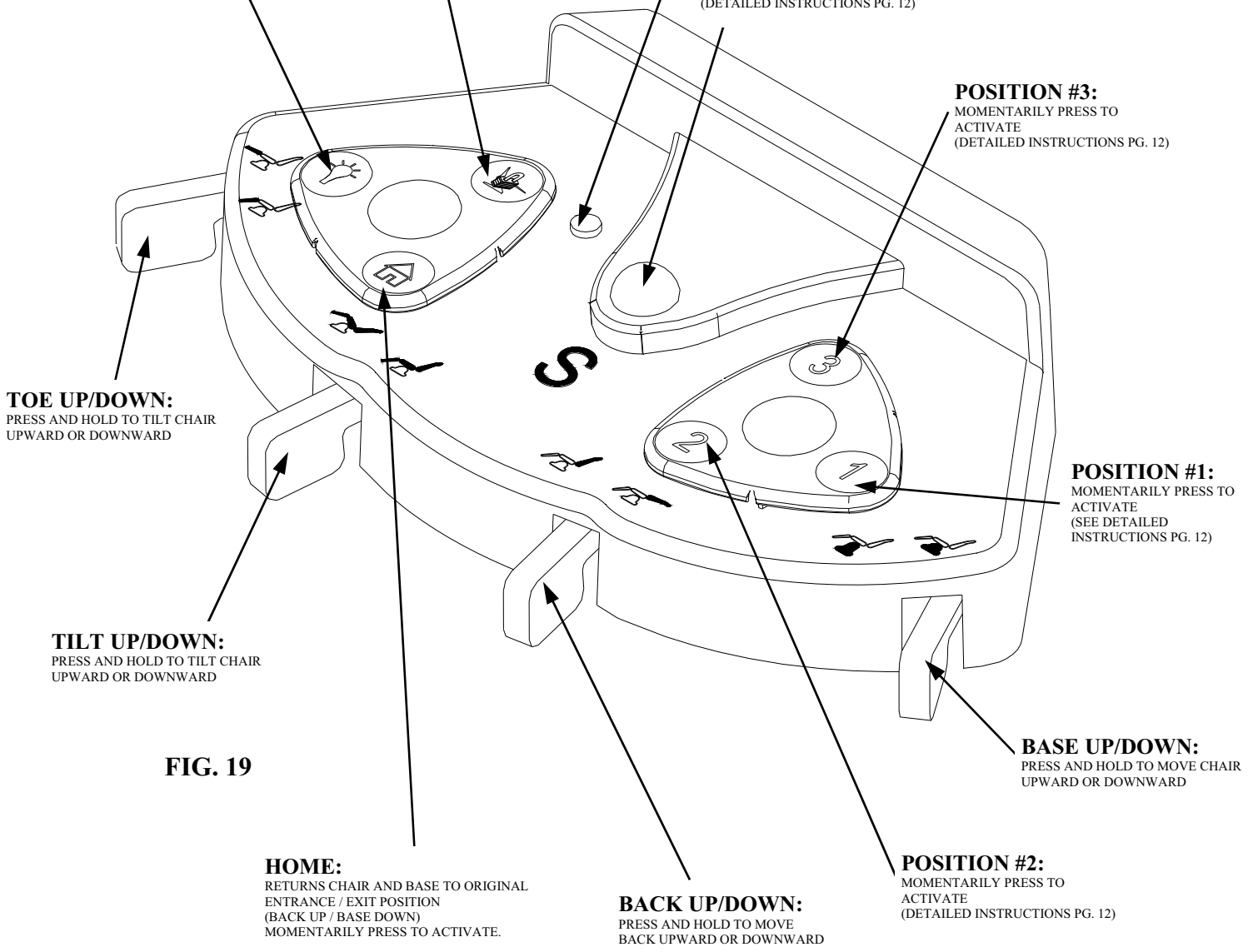
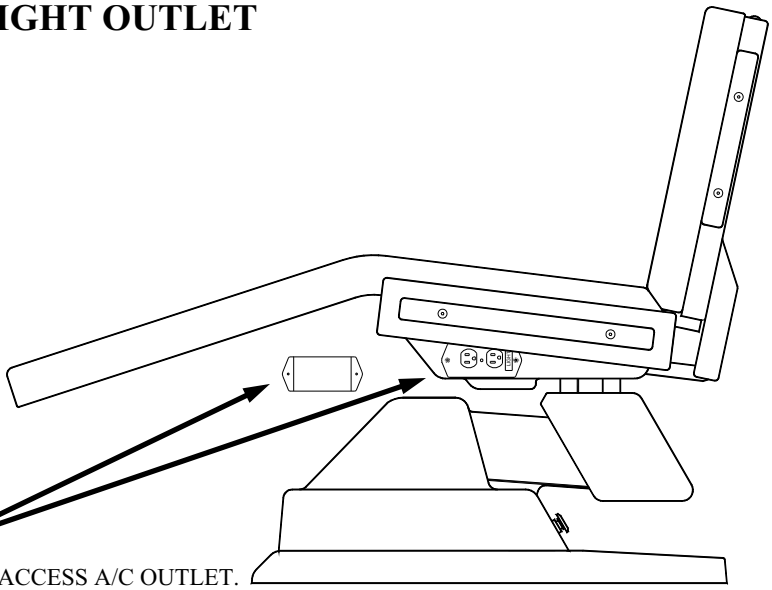

LIGHT:
MOMENTARILY PRESS TO TURN LIGHT ON / OFF
POWER INTERRUPT:
DENIES POWER TO MOTOR CONTROLS, TO PREVENT ACCIDENTAL MOVEMENT DURING PROCEDURES. MOMENTARILY PRESS TO ACTIVATE/ DEACTIVATE
POWER INTERRUPT INDICATOR:
ILLUMINATES WHEN MOTOR CONTROLS ARE INACTIVE. PRESS POWER INTERRUPT TO REACTIVATE MOTOR CONTROLS.
SAVE:
USED FOR PROGRAMMING (DETAILED INSTRUCTIONS PG. 12)
POSITION #3:
MOMENTARILY PRESS TO ACTIVATE (DETAILED INSTRUCTIONS PG. 12)
TOE UP/DOWN:
PRESS AND HOLD TO TILT CHAIR UPWARD OR DOWNWARD
POSITION #1:
MOMENTARILY PRESS TO ACTIVATE (SEE DETAILED INSTRUCTIONS PG. 12)
TILT UP/DOWN:
PRESS AND HOLD TO TILT CHAIR UPWARD OR DOWNWARD
BASE UP/DOWN:
PRESS AND HOLD TO MOVE CHAIR UPWARD OR DOWNWARD
HOME:
RETURNS CHAIR AND BASE TO ORIGINAL ENTRANCE / EXIT POSITION (BACK UP / BASE DOWN) MOMENTARILY PRESS TO ACTIVATE.
BACK UP/DOWN:
PRESS AND HOLD TO MOVE BACK UPWARD OR DOWNWARD
POSITION #2:
MOMENTARILY PRESS TO ACTIVATE (DETAILED INSTRUCTIONS PG. 12)

FIG. 19

OPERATING YOUR SURGERY CHAIR/ TABLE (CONTINUED)

LIGHT OUTLET

S-2614/S-2614FP/S-2615/S-2615FP/
S-2914/S-2914FP
115V. CHAIRS



115V MODELS

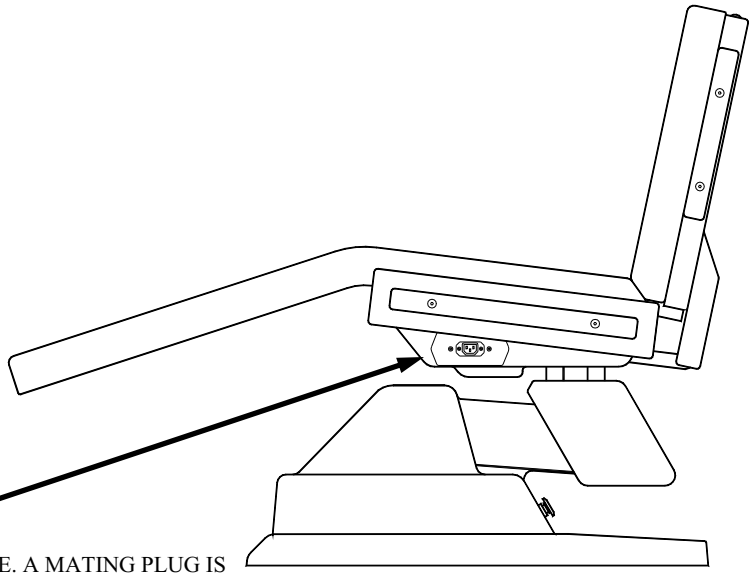
A/C OUTLET SAFETY COVER MUST BE REMOVED TO ACCESS A/C OUTLET. FOR SAFETY, COVER MUST BE REATTACHED AFTER PLUGGING IN LIGHT.

FIG. 20-A

115V MODÈLES

A / C SORTIE COUVERTURE DE SÉCURITÉ DOIVENT ÊTRE ENLEVÉS POUR ACCÉDER À A / C DE SORTIE. POUR DES RAISONS DE SÉCURITÉ, LA COUVERTURE DOIT ÊTRE REMIS EN PLACE APRÈS LE BOUCHAGE À LA LUMIÈRE.

S-2614/S-2614FP/S-2615/S-2615FP/
S-2914/S-2914FP
230V. CHAIRS



230V MODELS

A SPECIALTY A/C OUTLET IS PROVIDED ON THE TABLE. A MATING PLUG IS SUPPLIED. A QUALIFIED ELECTRICIAN MUST INSTALL THE SUPPLIED PLUG ONTO THE END OF THE LIGHT CORD (IF A LIGHT IS TO BE USED).
THE SAFETY COVER IS NOT REQUIRED ON 230 VOLT MODELS.

FIG. 20-B

230 MODÈLES

UNE SPÉCIALITÉ A / C DE SORTIE EST FOURNI SUR LA TABLE. UN PLUG ACCOUPLEMENT EST FOURNI. UN ÉLECTRICIEN QUALIFIÉ DOIT INSTALLER LE PLUG SUR LA FIN DE LA LUMIÈRE DU CORDON (SI A LA LUMIÈRE DOIT ÊTRE UTILISÉ).
LA COUVERTURE DE SÉCURITÉ N'EST PAS REQUISE SUR LES MODÈLES DE 230 VOLTS.

HEADREST OPERATION

HEADREST INSTALLATION:

FULLY ROTATE THE HEADREST RELEASE KNOB OR THE RELEASE LEVER AND PUSH THE BAR INTO THE SLOT.

HEADREST HEIGHT ADJUSTMENT:

TO ADJUST THE HEIGHT OF THE HEADREST, SUPPORT THE HEADREST WITH ONE HAND AND ROTATE RELEASE KNOB OR LEVER WITH THE OTHER. MOVE HEADREST TO DESIRED HEIGHT AND RELEASE THE KNOB OR LEVER. THE HEADREST WILL LOCK IN THE POSITION AND WILL NOT MOVE UNTIL THE RELEASE KNOB/LEVER IS ROTATED AGAIN.

CAUTION:

IT IS RECOMMENDED THAT THE HEADREST HEIGHT IS ADJUSTED BEFORE LOWERING THE CHAIR BACK.

WHEN HEADREST ADJUSTMENT IS NECESSARY WITH PATIENT SEATED, BE SURE TO SUPPORT THE PATIENT'S HEAD AND NECK AT ALL TIMES WHILE ADJUSTMENT IS BEING DONE.

FIG. 21A
S-2914 MODELS

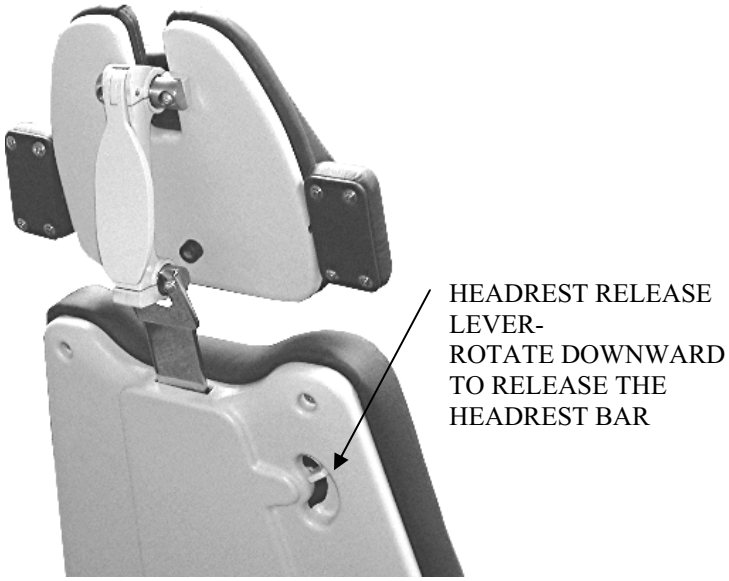


FIG. 21B
S-2614/S-2615
THIN BACK MODELS

OPERATING YOUR SURGERY CHAIR/ TABLE (CONTINUED)

HAND CONTROL P/N 15-3716/15-3715

NOTE: CHAIR MOVEMENT CAN BE STOPPED BY MOMENTARILY DEPRESSING ANY HANDSET BUTTON.

HAND CONTROL INSTALLATION:

INSERT THE HAND CONNECTOR INTO THE HAND CONTROL PORT IN THE BASE OF THE CHAIR AS SHOWN. MAKE SURE THE CONNECTOR IS ALL THE WAY IN. FOOTSWITCH MUST BE PLUGGED IN FOR HAND CONTROL TO FUNCTION.

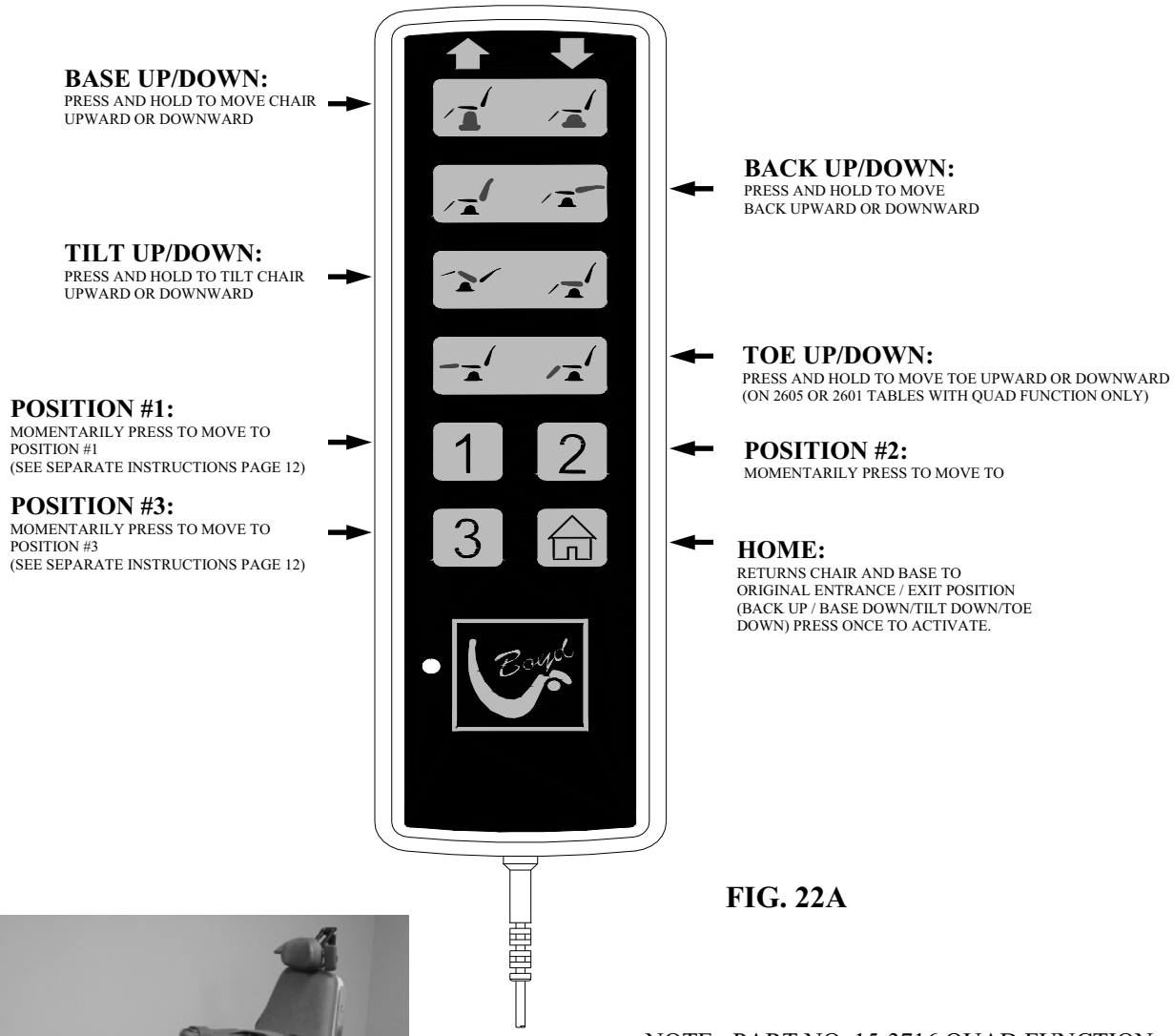

BASE UP/DOWN:
PRESS AND HOLD TO MOVE CHAIR UPWARD OR DOWNWARD
BACK UP/DOWN:
PRESS AND HOLD TO MOVE BACK UPWARD OR DOWNWARD
TILT UP/DOWN:
PRESS AND HOLD TO TILT CHAIR UPWARD OR DOWNWARD
TOE UP/DOWN:
PRESS AND HOLD TO MOVE TOE UPWARD OR DOWNWARD (ON 2605 OR 2601 TABLES WITH QUAD FUNCTION ONLY)
POSITION #1:
MOMENTARILY PRESS TO MOVE TO POSITION #1 (SEE SEPARATE INSTRUCTIONS PAGE 12)
1
2
POSITION #2:
MOMENTARILY PRESS TO MOVE TO
POSITION #3:
MOMENTARILY PRESS TO MOVE TO POSITION #3 (SEE SEPARATE INSTRUCTIONS PAGE 12)
3
HOME:
RETURNS CHAIR AND BASE TO ORIGINAL ENTRANCE / EXIT POSITION (BACK UP / BASE DOWN/TILT DOWN/TOE DOWN) PRESS ONCE TO ACTIVATE.
Bayer

FIG. 22A

FIG. 22-B

NOTE: PART NO. 15-3716 QUAD FUNCTION HANDSET IS SHOWN
PART NO. 15-3715 (TRI-FUNCTION) HAS NO TOE POSITIONING

OPERATING YOUR SURGERY CHAIR/ TABLE (CONTINUED)

HEADREST OPERATION

HEADREST ARTICULATION ADJUSTMENT:

FLIP LOCKING LEVER AWAY FROM YOKE ASSEMBLY TO ALLOW HEADREST ARTICULATION. POSITION HEADREST PILLOW TO DESIRED LOCATION. TO LOCK IN POSITION, PUSH LEVER BACK TO ORIGINAL LOCKING POSITION.

HEADREST DROPS OVER BACK OF CHAIR TO ACCOMMODATE SHORTER PATIENTS.

FIG. 23-A

HEADREST FLEXES AND LOCKS IN BACK OR FORWARD POSITION.

FIG. 23-B

LOCKED TENSION ADJUSTMENT

1. RAISE THE LOCKING LEVER TO RELEASE TENSION.
2. TURN TENSION BAR SCREW 1/4 TURN CLOCKWISE TO INCREASE TENSION USING A 3/16" ALLEN WRENCH.
3. PUSH THE LOCKING LEVER IN AND CHECK FOR DESIRED TENSION.
4. REPEAT STEPS 1-3 UNTIL DESIRED SETTING IS OBTAINED.

FIG. 23-C

RELEASED TENSION ADJUSTMENT

EACH END OF THE HEADREST CAN BE INDEPENDENTLY ADJUSTED FOR TENSION WHEN RELEASED.

1. RAISE LOCKING LEVER TO RELEASE TENSION.
2. USE A 3/16" ALLEN WRENCH AND TURN ONE OR BOTH OF THE SHAFT TENSION SCREWS CLOCKWISE TO INCREASE TENSION AND COUNTERCLOCKWISE TO DECREASE TENSION.

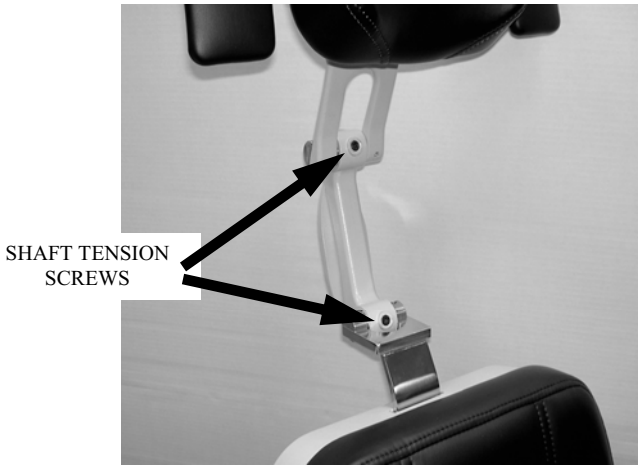


FIG. 23-D

OPERATING YOUR SURGERY CHAIR/ TABLE (CONTINUED)

PATIENT ARM FUNCTION (RAIL MOUNT SHOWN)

FIG. 24

PATIENT ARM HAS BEEN DESIGNED TO MOVE UP AND DOWN, FORWARD AND BACKWARD, AND ROTATE IN AND OUT USING THE ON TRACK RAIL SYSTEM. TO ADJUST ARM, SIMPLY RELEASE THE LOCKING MECHANISM BY TURNING THE HANDLE COUNTER-CLOCKWISE AND ADJUST THE ARM AS DESIRED. TURN THE HANDLE CLOCK-WISE TO LOCK THE ARM IN PLACE.

CAUTION:

DO NOT SIT ON ARMS OR USE THEM TO LIFT OR MOVE CHAIR. DOING SO MAY CAUSE BODILY INJURY AND/OR DAMAGE TO PRODUCT.

6-WAY IV ARM BOARD FUNCTION

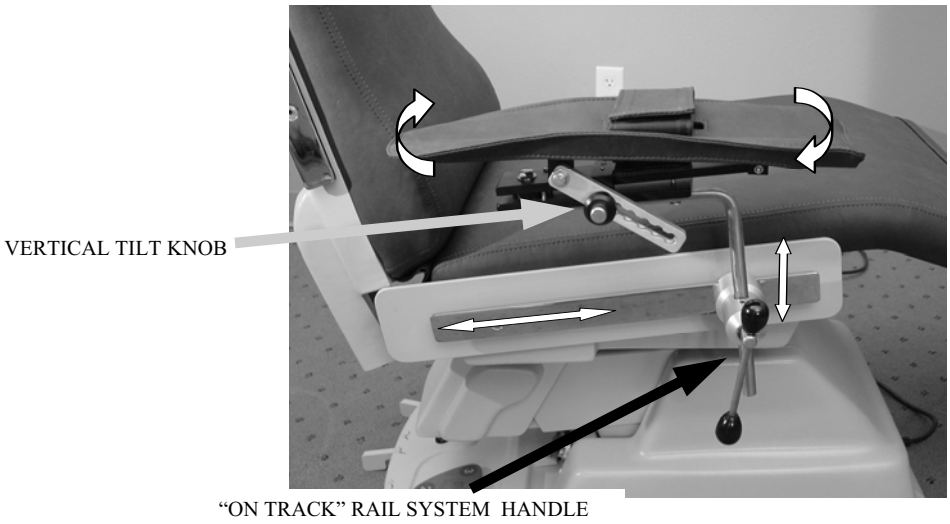


FIG. 25

6-WAY IV ARM BOARD HAS BEEN DESIGNED TO MOVE UP AND DOWN, FORWARD AND BACKWARD, AND ROTATE IN AND OUT USING THE "ON TRACK" RAIL SYSTEM.

TO POSITION ARM FORWARD OR BACKWARD, SIMPLY RELEASE THE LOCKING MECHANISM BY TURNING THE "ON TRACK" RAIL SYSTEM HANDLE COUNTER-CLOCKWISE AND MOVE THE ARM AS DESIRED. TURN THE HANDLE CLOCKWISE TO LOCK THE ARM IN PLACE.

THE 6-WAY ARM ALSO SWIVELS BY FIRMLY GRASPING THE FRONT END OF THE ARM AND ROTATING AWAY FROM THE PATIENT. NO TENSION ADJUSTMENT IS REQUIRED.

TO TILT THE ARM VERTICALLY, LOOSEN THE VERTICAL TILT KNOB COUNTER -CLOCKWISE, RAISE REAR OF ARM BOARD TO DESIRED POSITION, TIGHTEN KNOB CLOCKWISE TO SECURE UNIT.

SECURE PATIENT ARM WITH STRAP.

CAUTION: ATTENTION :

DO NOT SIT ON ARMS OR USE THEM TO LIFT OR MOVE CHAIR. DOING SO MAY CAUSE BODILY INJURY AND/OR DAMAGE TO PRODUCT.

NE VOUS REPOSEZ PAS SUR DES BRAS OU NE LES EMPLOYEZ PAS POUR SOULEVER OU DÉ-PLACER LA CHAISE. FAIRE AINSI PEUT ENDOMMAGER DES DOMMAGES ET/OU CORPORELS LE PRODUIT.

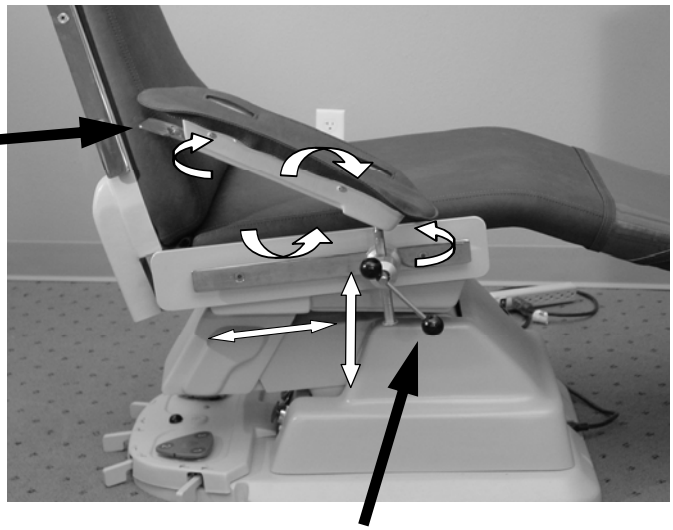
OPERATING YOUR SURGERY CHAIR/ TABLE (CONTINUED)

6-WAY PLUS/ 8-WAY PLUS IV ARM BOARD FUNCTION (RAIL MOUNT SHOWN)

ARM BOARD RELEASE HANDLE

NOTE:
THE 6-WAY PLUS IV ARM BOARD IS 19" LONG (SHOWN)

THE 8-WAY PLUS IV ARM BOARD IS 24" LONG



"ON TRACK" RAIL SYSTEM HANDLE

FIG. 26

6-WAY PLUS AND 8-WAY PLUS IV ARM BOARDS HAVE BEEN DESIGNED TO MOVE UP AND DOWN, FORWARD AND BACKWARD, AND ROTATE IN AND OUT USING THE "ON TRACK" RAIL SYSTEM.

TO POSITION THE ARM FORWARD OR BACKWARD, SIMPLY RELEASE THE LOCKING MECHANISM BY TURNING THE "ON TRACK" RAIL SYSTEM HANDLE COUNTER-CLOCKWISE AND MOVE THE ARM AS DESIRED. TURN THE HANDLE CLOCK-WISE TO LOCK THE ARM IN PLACE.

THE 6-WAY PLUS AND 8-WAY PLUS ARMS ALSO SWIVEL AND TILT IN ANY DIRECTION BY SQUEEZING THE RELEASE HANDLE AND ROTATING THE ARM ON THE BALL AND SOCKET JOINT IN ANY POSITION DESIRED. RELEASE THE HANDLE TO LOCK THE ARM IN PLACE.

SECURE PATIENT ARM WITH STRAPS.

CAUTION: ATTENTION :

DO NOT SIT ON ARMS OR USE THEM TO LIFT OR MOVE CHAIR. DOING SO MAY CAUSE BODILY INJURY AND/OR DAMAGE TO PRODUCT.

NE VOUS REPOSEZ PAS SUR DES BRAS OU NE LES EMPLOYEZ PAS POUR SOULEVER OU DÉ-PLACER LA CHAISE. FAIRE AINSI PEUT ENDOMMAGER DES DOMMAGES ET/OU CORPORELS LE PRODUIT.

WARNING: AVERTISSEMENT

WHEN USING THE AUTO-RETURN FUNCTION OR RAISING THE CHAIR BACK, THE 6-WAY PLUS & 8-WAY PLUS IV ARM BOARDS AND ALL OTHER ACCESSORIES MUST BE MOVED OUTBOARD OF THE CHAIR. DAMAGE TO THE ACCESSORY, CHAIR OR UPHOLSTERY COULD OCCUR IF THE ACCESSORY IS LEFT IN THE SURGICAL POSITION

EN UTILISANT LA FONCTION D'AUTO-RETURN OU EN SOULEVANT LA CHAISE EN ARRIÈRE, Le 6-WAY PLUS et le 8-WAY PLUS des PANNEAUX de BRAS d'IV ET TOUS AUTRES ACCESSOIRES DOIVENT ÊTRE DÉPLACÉS À L'EXTÉRIEUR De la CHAISE. LES DOMMAGES À L'ACCESSOIRE, À LA CHAISE OU À LA TAPISSERIE D'AMEUBLEMENT POURRAIENT SE PRODUIRE SI L'ACCESSOIRE EST LAISSÉ DANS LA POSITION CHIRURGICALE

OPERATING YOUR SURGERY CHAIR/ TABLE (CONTINUED)

COMPENSATING ARM BOARD FUNCTION S2914 MODEL

FIG 27-A
ARM SHOWN IN UP (DEFAULT) POSITION

FIG 27-B
ARM SHOWN IN DOWN POSITION

USE FOREFINGER & THUMB TO PULL BAR LOCK

FIG. 27-C

DO NOT POSITION THUMB ACROSS TOP OF BAR LOCK

FIG. 27-D

FIG. 27-E

WHILE SUPPORTING ARM BODY WITH ONE HAND, GRASP BAR LOCK WITH OTHER HAND AS SHOWN PULL BAR LOCK DOWN AND THEN TOWARD FRONT OF CHAIR TO UNLOCK ARM. LOWER ARM BODY TO DOWN POSITION.

TO RAISE ARM, GRAB FRONT OF ARM WITH ONE HAND, GRASP BAR LOCK WITH OTHER HAND AND PULL BAR LOCK TOWARD FRONT OF CHAIR AND THEN DOWN TO UNLOCK ARM. RAISE ARM FULLY UNTIL BAR LOCK IS ENGAGED. BE CERTAIN THAT ARM IS FULLY LOCKED BEFORE USE.

THE COMPENSATING ARMS ARE CONNECTED TO THE BACK AND SEAT FRAMES OF CHAIR AND WILL GRADUALLY CHANGE THEIR POSITION AS THE CHAIR BACK IS LOWERED OR RAISED. A CHAIR CAN HAVE ONE OR TWO COMPENSATION ARMS. A PATIENT STRAP IS PROVIDED FOR RETAINING THE PATIENT'S ARM.

THE DEFAULT POSITION FOR THE COMPENSATING ARMS IS WITH ARM IN THE UP POSITION AND LOCKED (FIGURE 27-A)

THE COMPENSATING ARMS CAN BE LOWERED TO A FULL DOWN POSITION TO ALLOW PATIENT TO ENTER/EXIT CHAIR, SEE FIGURE 27-B.

SECURE PATIENT ARM WITH STRAPS.

CAUTION:

DO NOT SIT ON ARMS OR USE THEM TO LIFT OR MOVE CHAIR. DOING SO MAY CAUSE BODILY INJURY AND/OR DAMAGE TO PRODUCT.

OPERATING YOUR SURGERY CHAIR/ TABLE (CONTINUED)

COMPENSATING IV ARM & PATIENT ARM INSTALLATION/REMOVAL S2614 /S2615 THIN BACK MODELS

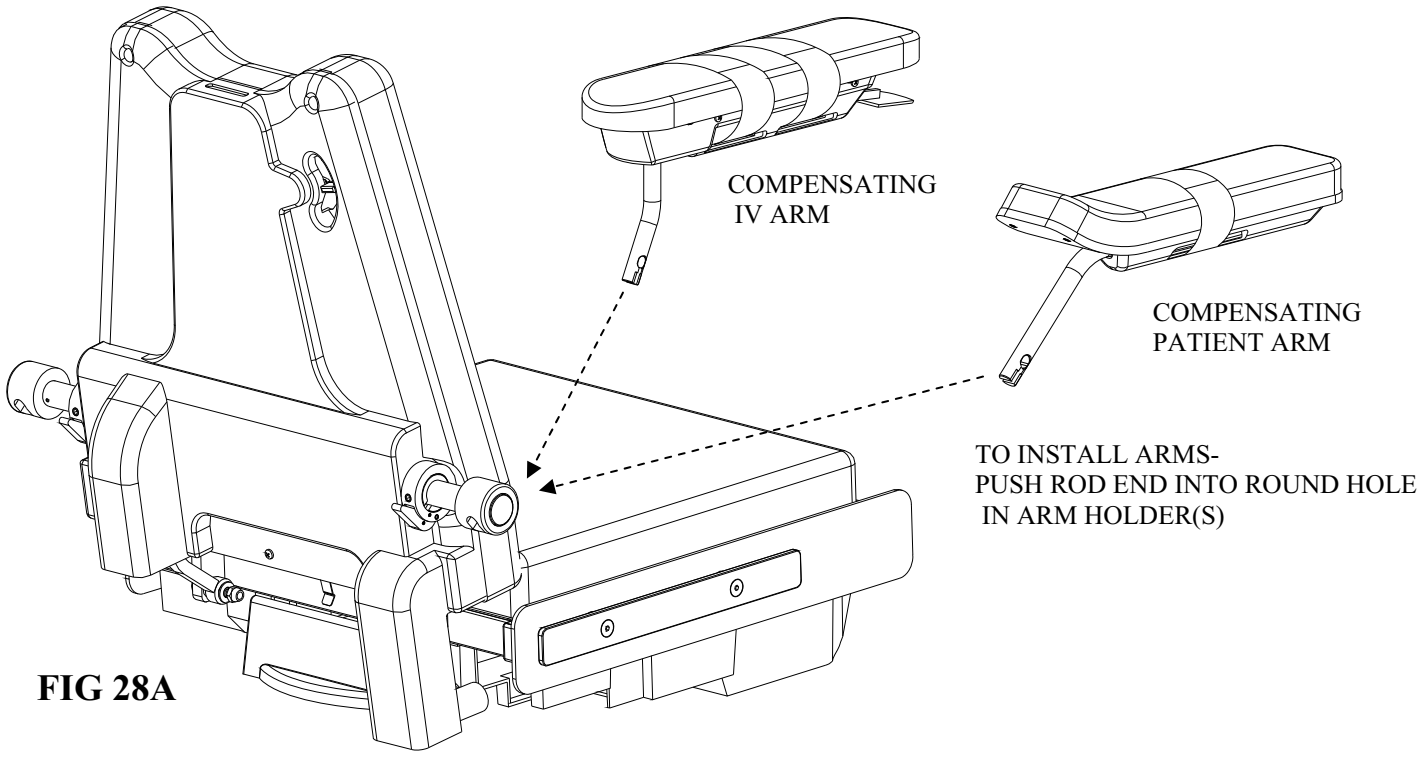


FIG 28A

NOTE: PATIENT ARM OR IV ARM CAN BE MOUNTED ON EITHER SIDE OF CHAIR

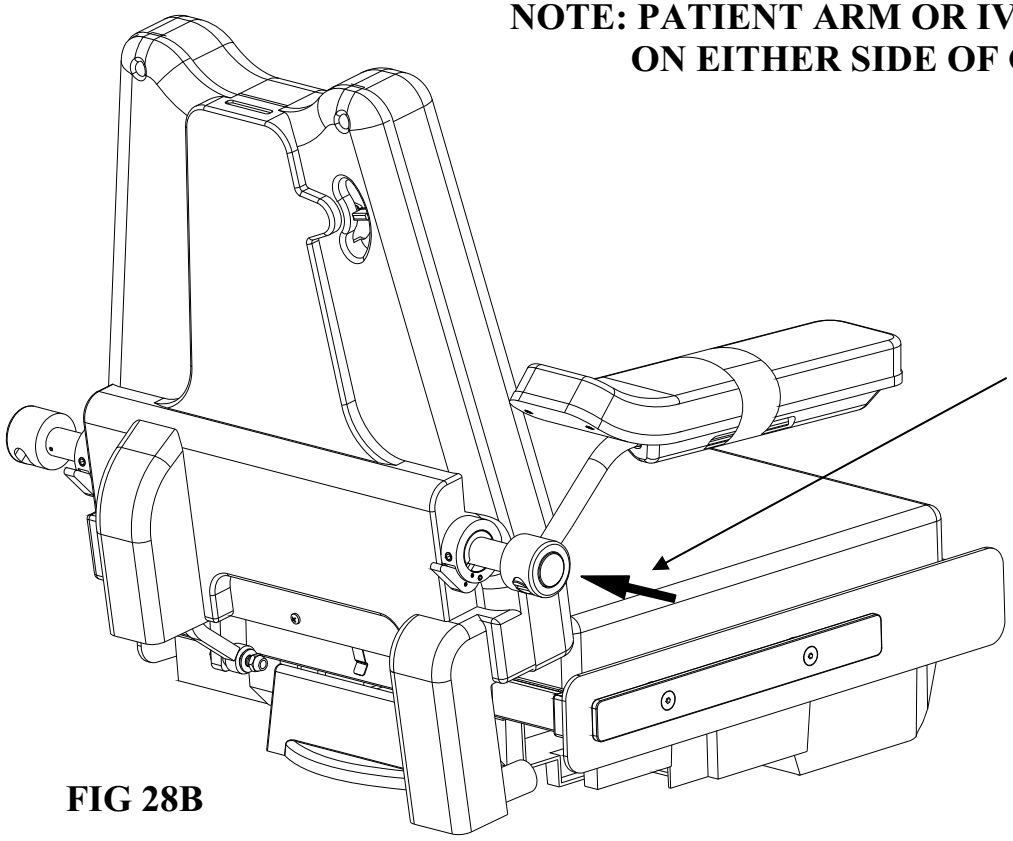


FIG 28B

OPERATING YOUR SURGERY CHAIR/ TABLE (CONTINUED)

COMPENSATING ARM HOLDER INSTALLATION S2614 /S2615 THIN BACK MODELS

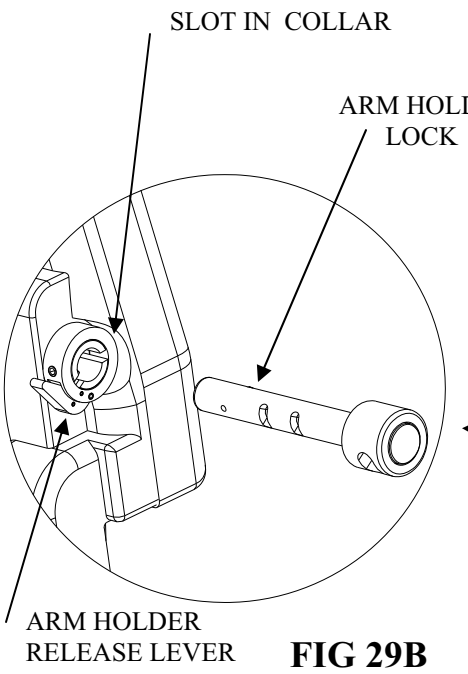


FIG 29B

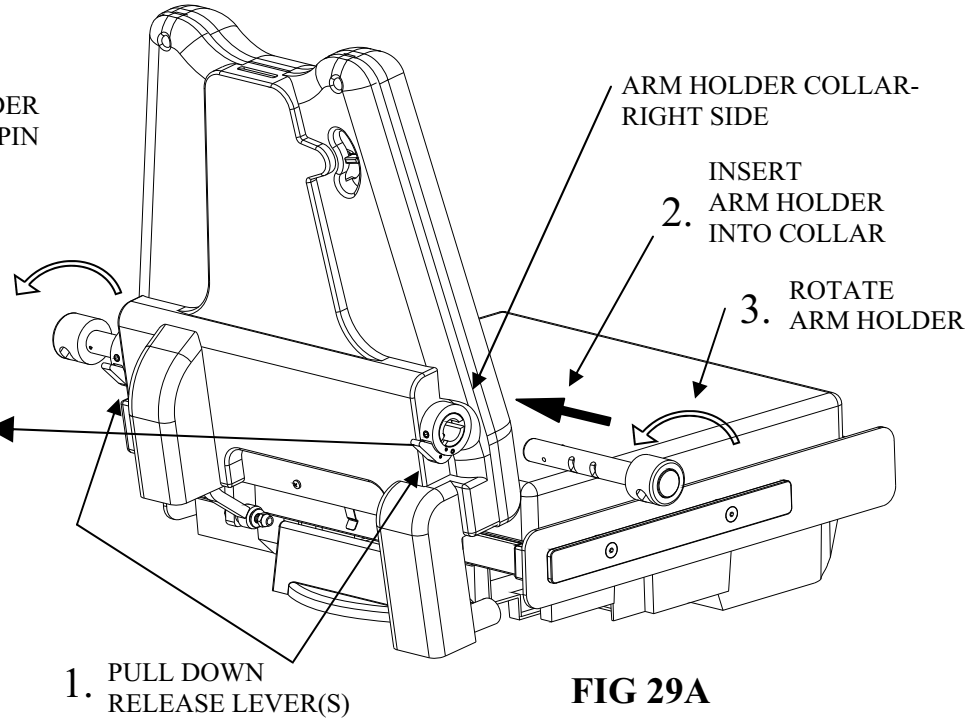


FIG 29A

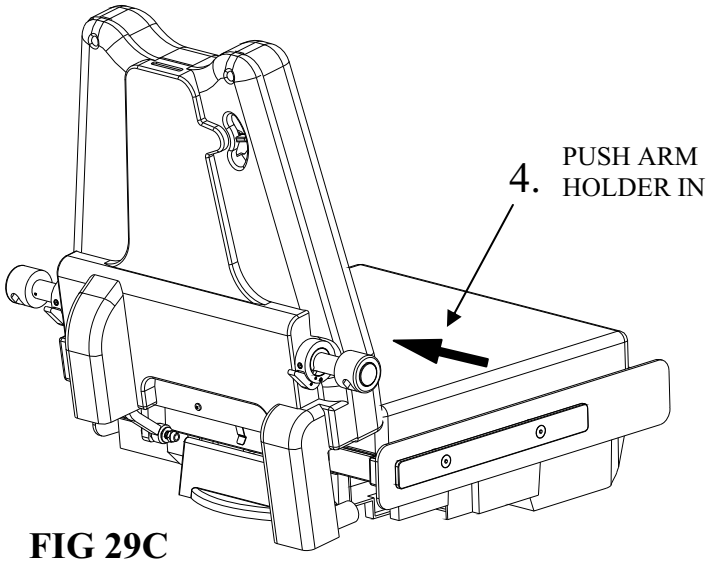


FIG 29C

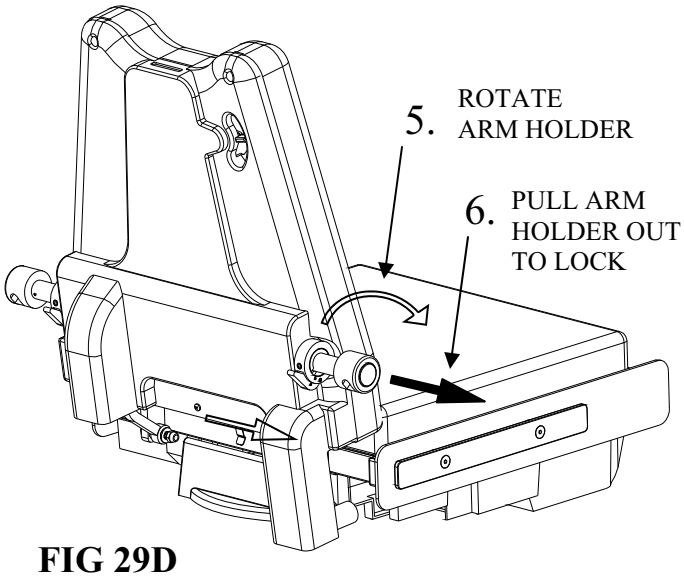


FIG 29D

1. PULL RELEASE LEVER DOWN.
2. INSERT ARM HOLDER INTO COLLAR, LOCK PIN MUST ENTER SLOT IN COLLAR. PUSH ARM HOLDER INTO COLLAR UNTIL IT STOPS. RELEASE LEVER.
3. ROTATE ARM HOLDER IN DIRECTION OF ARROWS UNTIL IT STOPS.
4. CONTINUE TO PUSH HOLDER INTO COLLAR.
5. ROTATE THE HOLDER IN THE OPPOSITE DIRECTION.
6. PULL ARM HOLDER OUT UNTIL A CLICK IS HEARD. ARM HOLDER IS NOW LOCKED IN THE FULL IN POSITION.

OPERATING YOUR SURGERY CHAIR/ TABLE (CONTINUED)

COMPENSATING ARM HOLDER ADJUSTMENT FROM FULL IN TO FULL OUT POSITION S2614 /S2615 THIN BACK MODELS

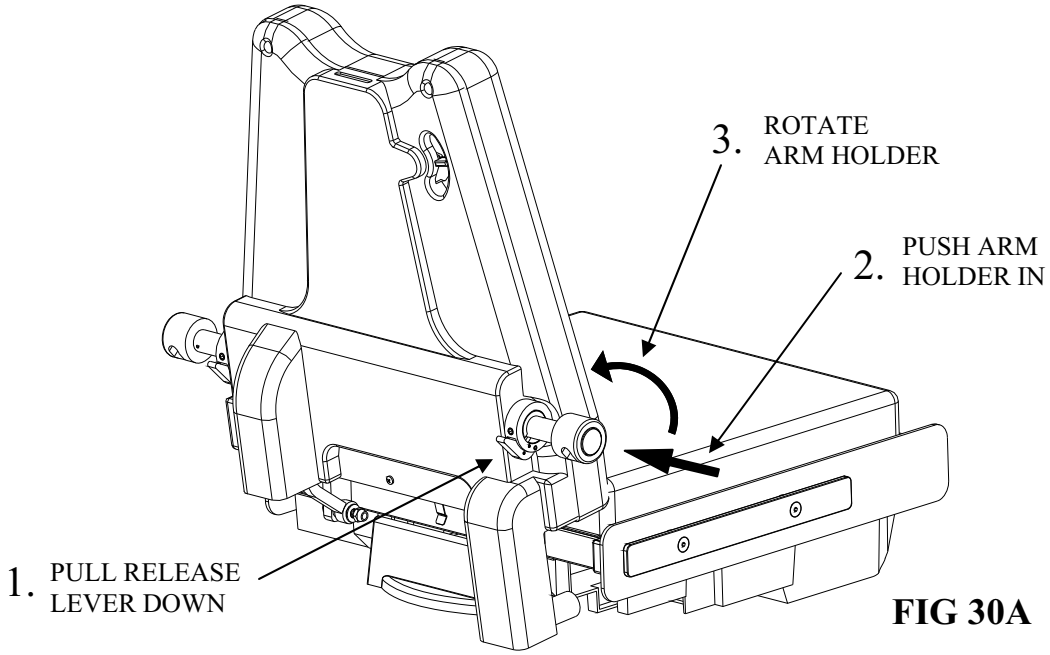


FIG 30A

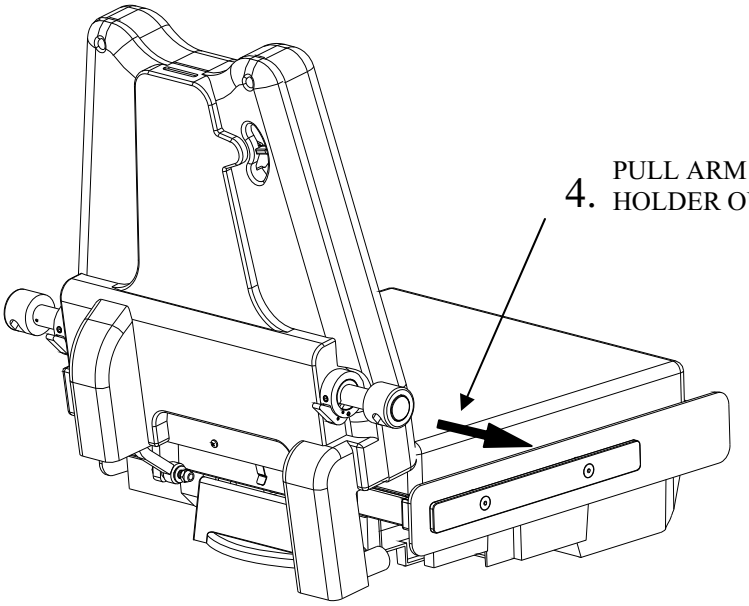


FIG 30B

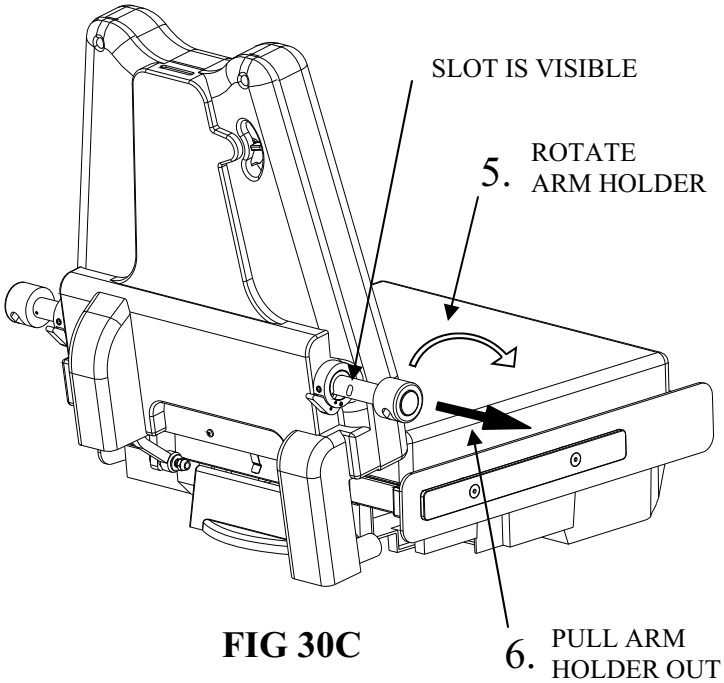


FIG 30C

1. PULL RELEASE LEVER DOWN AND HOLD DOWN.
2. PUSH ARM HOLDER INTO COLLAR UNTIL IT STOPS. CONTINUE TO HOLD LEVER DOWN.
3. ROTATE ARM HOLDER IN DIRECTION OF ARROWS UNTIL IT STOPS. RELEASE LEVER.
4. PULL ARM HOLDER OUT.
5. ROTATE THE HOLDER IN THE OPPOSITE DIRECTION.
6. PULL ARM HOLDER OUT UNTIL A CLICK IS HEARD. ARM HOLDER IS NOW LOCKED IN THE FULL OUT POSITION. A SLOT SHOULD BE VISIBLE IN ARM HOLDER SHAFT.

OPERATING YOUR SURGERY CHAIR/ TABLE (CONTINUED)

COMPENSATING ARM HOLDER ADJUSTMENT FROM FULL OUT TO FULL IN POSITION S2614 /S2615 THIN BACK MODELS

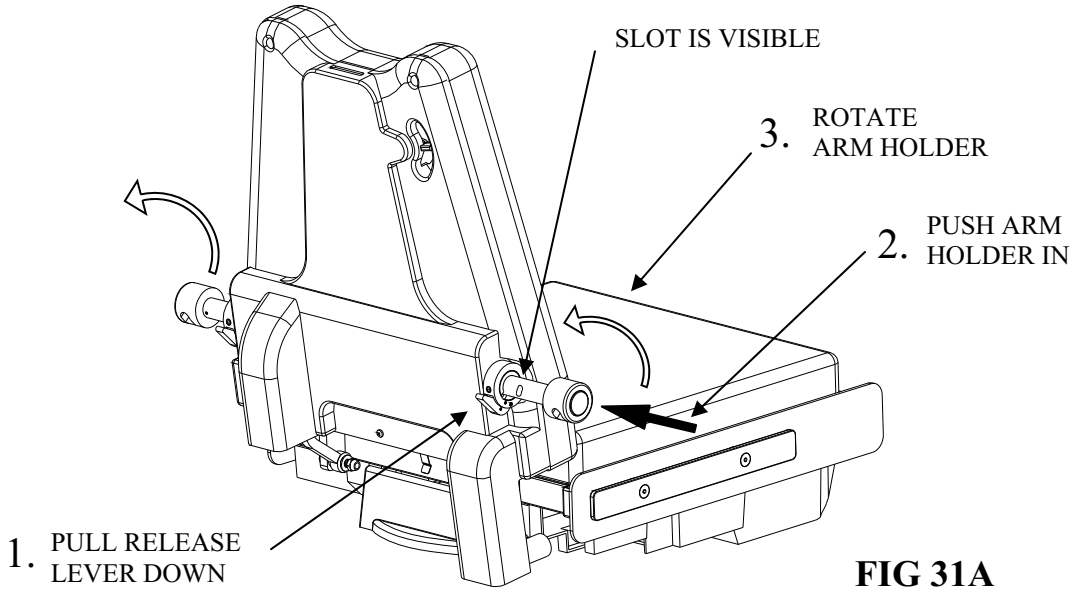


FIG 31A

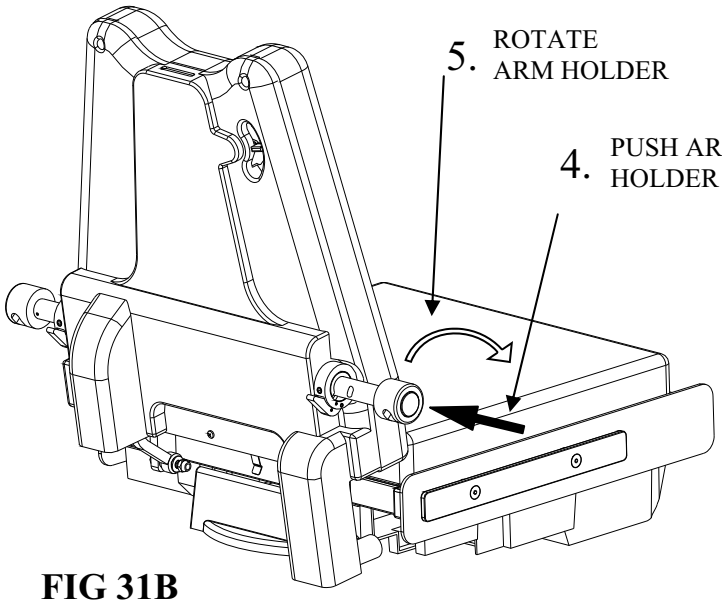


FIG 31B

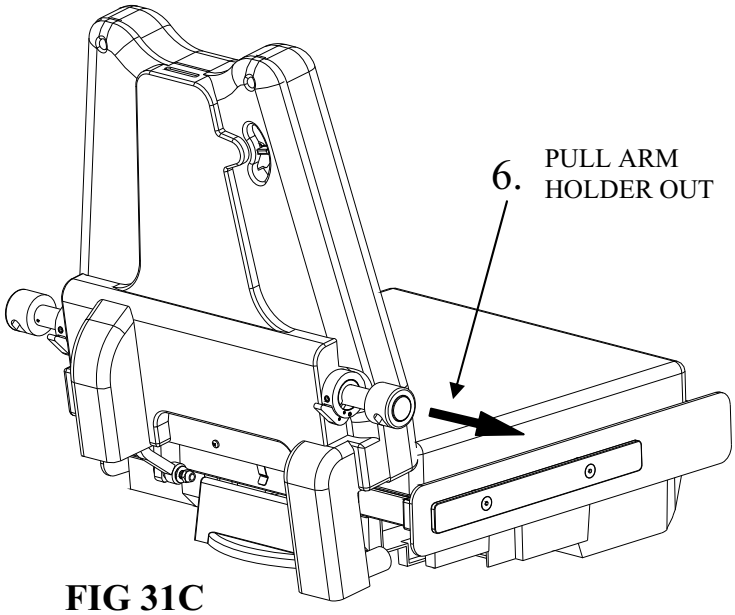


FIG 31C

1. PULL RELEASE LEVER DOWN AND HOLD DOWN.
2. PUSH ARM HOLDER INTO COLLAR UNTIL IT STOPS. RELEASE LEVER.
3. ROTATE ARM HOLDER IN DIRECTION OF ARROWS UNTIL IT STOPS. RELEASE LEVER.
4. PUSH ARM HOLDER IN.
5. ROTATE THE HOLDER IN THE OPPOSITE DIRECTION.
6. PULL ARM HOLDER OUT UNTIL A CLICK IS HEARD. ARM HOLDER IS NOW LOCKED IN THE FULL IN POSITION. THE SLOT SHOULD NOT BE VISIBLE IN ARM HOLDER SHAFT.

OPERATING YOUR SURGERY CHAIR/ TABLE (CONTINUED)

COMPENSATING ARM HOLDER REMOVAL S2614 /S2615 THIN BACK MODELS

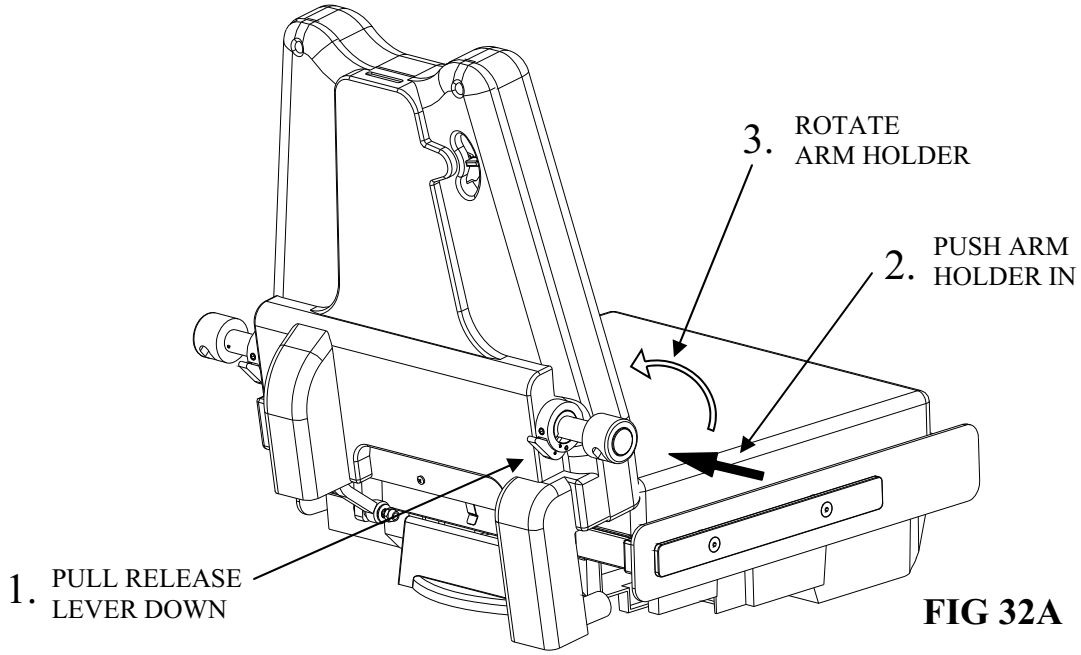


FIG 32A

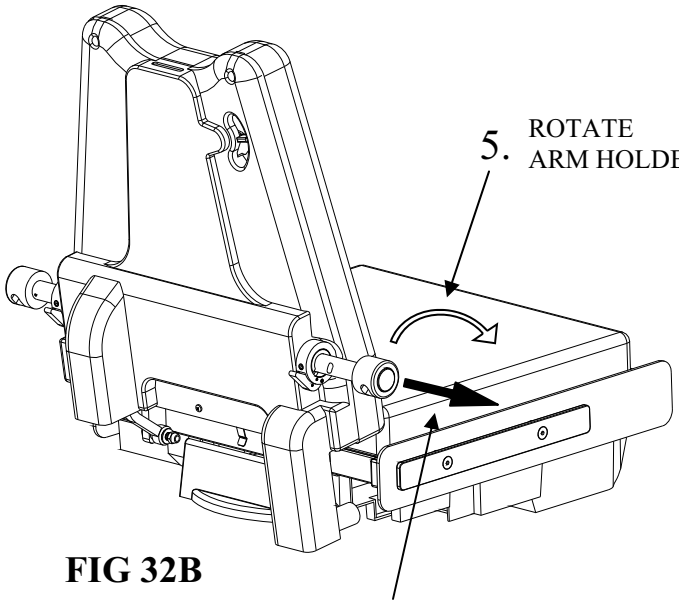


FIG 32B

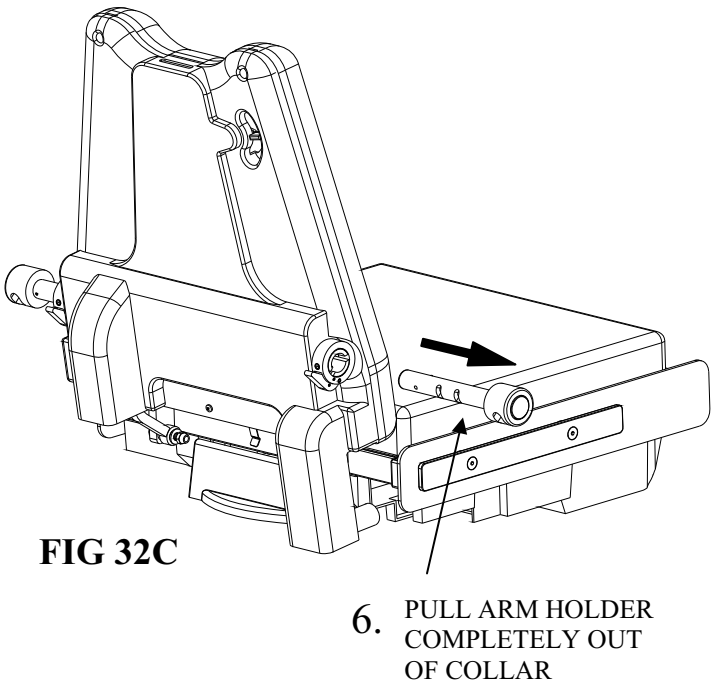


FIG 32C

1. PULL RELEASE LEVER DOWN AND HOLD DOWN.
2. PUSH ARM HOLDER INTO COLLAR UNTIL IT STOPS. CONTINUE TO HOLD LEVER DOWN.
3. ROTATE ARM HOLDER IN DIRECTION OF ARROW UNTIL IT STOPS.
4. PULL ARM HOLDER OUT.
5. ROTATE THE HOLDER IN THE OPPOSITE DIRECTION.
6. PULL ARM HOLDER COMPLETELY OUT OF COLLAR

OPERATING YOUR SURGERY CHAIR/ TABLE (CONTINUED)

CANTILEVERED BASE SAFETY FEATURES

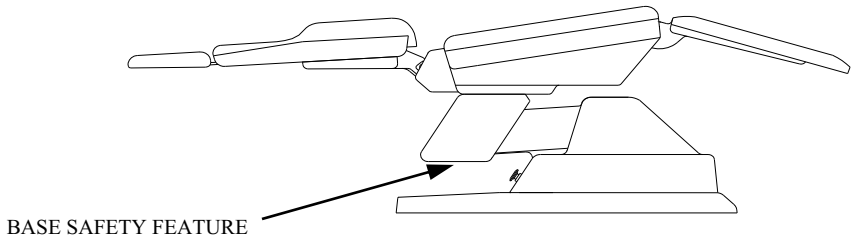


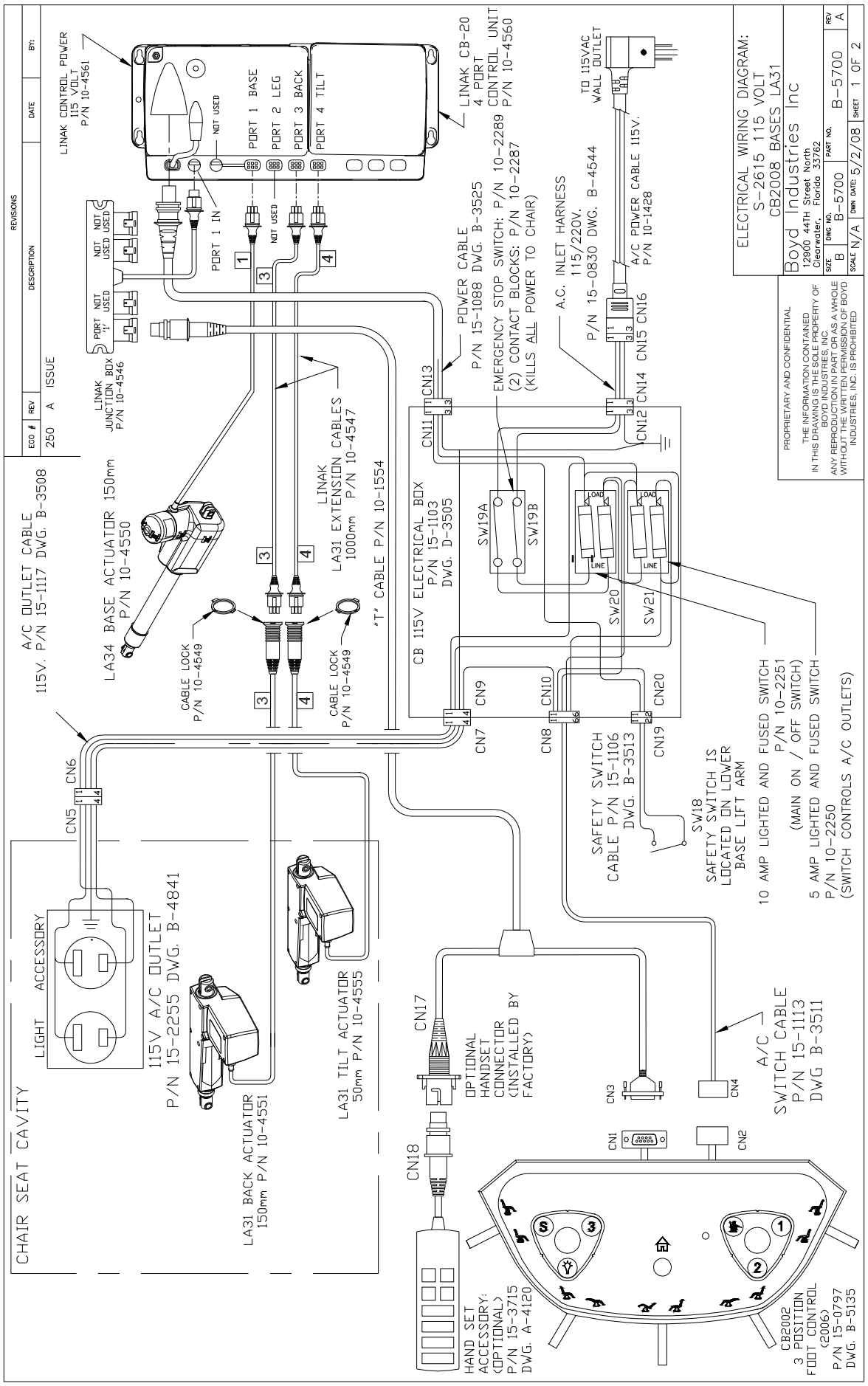
FIG. 26

BASE SAFETY FEATURE

THE LOWER COVER OF THE CANTILEVERED LIFT BASES WILL SHIFT AND ACTIVATE A SAFETY STOP SWITCH IF AN OBSTACLE IS POSITIONED BETWEEN THE BASE AND THE LIFTING MECHANISM. THIS WILL STOP DOWNWARD MOVEMENT. TO REACTIVATE THE BASE, REMOVE THE ITEM THAT ACTIVATED THIS SAFETY FEATURE. OPERATE THE CHAIR AS USUAL.

CAUTION:

NEVER, AT ANYTIME SHOULD YOU TAMPER WITH THE SAFETY FEATURE(S) ON THIS OR ANY PRODUCT. THEY HAVE BEEN PUT IN THE DESIGN OF THE PRODUCT TO PROTECT YOU AND YOUR PATIENTS.


REVISIONS
ECO # | REV | DESCRIPTION | DATE | BY:
250 A ISSUE
LINAK CONTROL POWER 115 VOLT P/N 10-4561
LINAK CB-20 4 PORT CONTROL UNIT P/N 10-4560
PORT 1 BASE
PORT 2 LEG
PORT 3 BACK
PORT 4 TILT
NOT USED
PORT 1 IN
LINAK JUNCTION BOX P/N 10-4546
PORT '1'
A/C OUTLET CABLE 115V. P/N 15-1117 DWG. B-3508
LA34 BASE ACTUATOR 150mm P/N 10-4550
LINAK LA31 EXTENSION CABLES 1000mm P/N 10-4547
"T" CABLE P/N 10-1554
CABLE LOCK P/N 10-4549
POWER CABLE P/N 15-1088 DWG. B-3525
EMERGENCY STOP SWITCH: P/N 10-2289
(2) CONTACT BLOCKS: P/N 10-2287
(KILLS ALL POWER TO CHAIR)
A.C. INLET HARNESS 115/220V. P/N 15-0830 DWG. B-4544
A/C POWER CABLE 115V. P/N 10-1428
TO 115VAC WALL OUTLET
CB 115V ELECTRICAL BOX P/N 15-1103 DWG. D-3505
CN11 CN13 CN12 CN14 CN15 CN16
CN9 CN7 CN10 CN8 CN20 CN19
SW19A SW19B SW20 SW21
LOAD LINE
CHAIR SEAT CAVITY
LIGHT ACCESSORY
115V A/C OUTLET P/N 15-2255 DWG. B-4841
CN5 CN6
LA31 BACK ACTUATOR 150mm P/N 10-4551
LA31 TILT ACTUATOR 50mm P/N 10-4555
SAFETY SWITCH CABLE P/N 15-1106 DWG. B-3513
SW18 SAFETY SWITCH IS LOCATED ON LOWER BASE LIFT ARM
10 AMP LIGHTED AND FUSED SWITCH P/N 10-2251 (MAIN ON / OFF SWITCH)
5 AMP LIGHTED AND FUSED SWITCH P/N 10-2250 (SWITCH CONTROLS A/C OUTLETS)
CN17 OPTIONAL HANDSET CONNECTOR (INSTALLED BY FACTORY)
CN18
CN3 CN4 CN1 CN2
A/C SWITCH CABLE P/N 15-1113 DWG B-3511
HAND SET ACCESSORY: (OPTIONAL) P/N 15-3715 DWG. A-4120
CB2002 3 POSITION FOOT CONTROL (2006) P/N 15-0797 DWG. B-5135
PROPRIETARY AND CONFIDENTIAL
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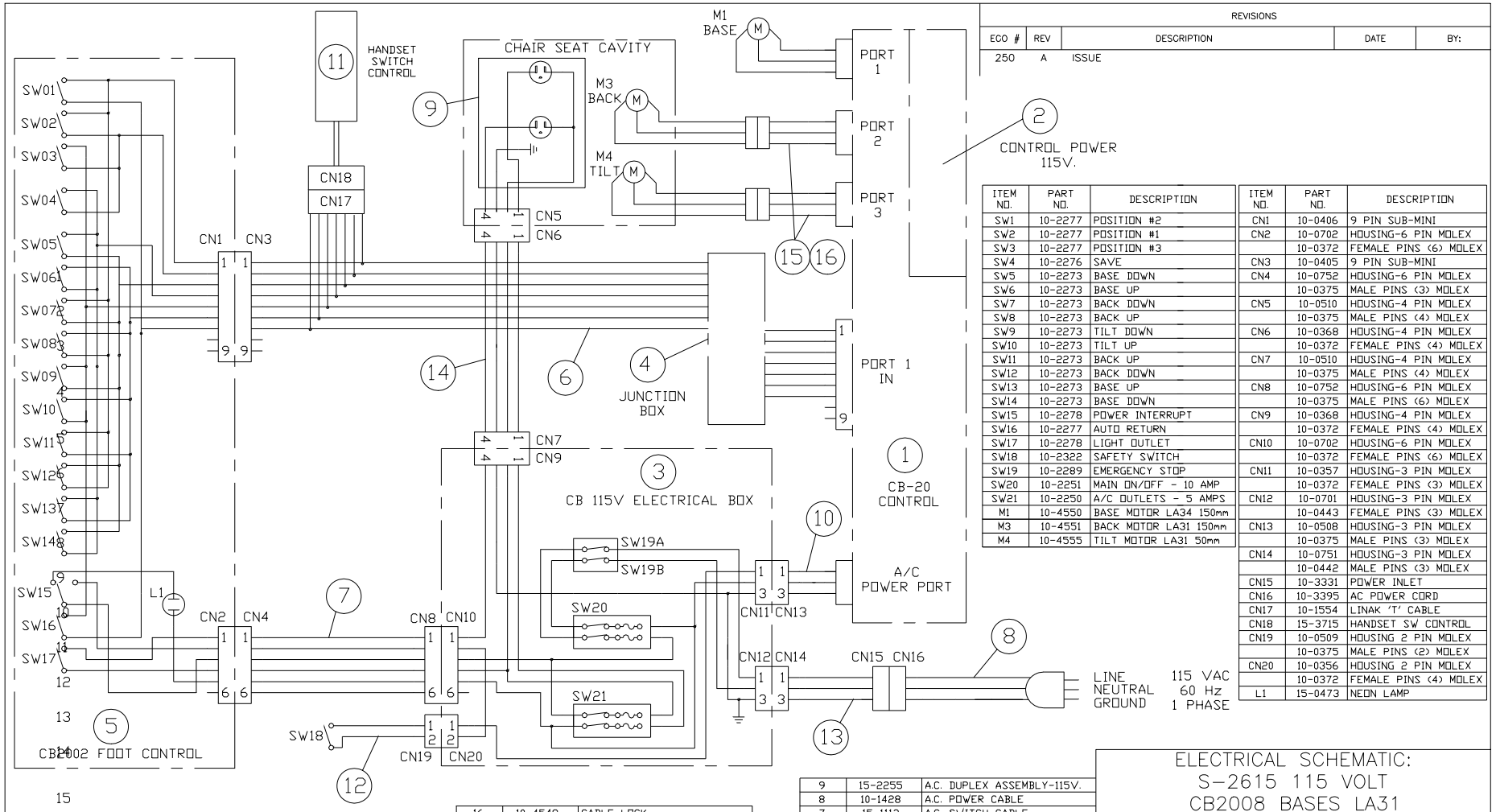
ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BOYD INDUSTRIES, INC. IS PROHIBITED
ELECTRICAL WIRING DIAGRAM: S-2615 115 VOLT CB2008 BASES LA31
Boyd Industries Inc
12900 44TH Street North Clearwater, Florida 33762
SIZE B | DWG NO. B-5700 | PART NO. B-5700 | REV A
SCALE N/A | DWN DATE: 5/2/08 | SHEET 1 OF 2



REVISIONS				
ECO #	REV	DESCRIPTION	DATE	BY:
250	A	ISSUE		

ITEM NO.	PART NO.	DESCRIPTION
SW1	10-2277	POSITION #2
SW2	10-2277	POSITION #1
SW3	10-2277	POSITION #3
SW4	10-2276	SAVE
SW5	10-2273	BASE DOWN
SW6	10-2273	BASE UP
SW7	10-2273	BACK DOWN
SW8	10-2273	BACK UP
SW9	10-2273	TILT DOWN
SW10	10-2273	TILT UP
SW11	10-2273	BACK UP
SW12	10-2273	BACK DOWN
SW13	10-2273	BASE UP
SW14	10-2273	BASE DOWN
SW15	10-2278	POWER INTERRUPT
SW16	10-2277	AUTO RETURN
SW17	10-2278	LIGHT OUTLET
SW18	10-2322	SAFETY SWITCH
SW19	10-2289	EMERGENCY STOP
SW20	10-2251	MAIN ON/OFF - 10 AMP
SW21	10-2250	A/C OUTLETS - 5 AMPS
M1	10-4550	BASE MOTOR LA34 150mm
M3	10-4551	BACK MOTOR LA31 150mm
M4	10-4555	TILT MOTOR LA31 50mm

ITEM NO.	PART NO.	DESCRIPTION
CN1	10-0406	9 PIN SUB-MINI
CN2	10-0702	HOUSING-6 PIN MOLEX
	10-0372	FEMALE PINS (6) MOLEX
CN3	10-0405	9 PIN SUB-MINI
CN4	10-0752	HOUSING-6 PIN MOLEX
	10-0375	MALE PINS (3) MOLEX
CN5	10-0510	HOUSING-4 PIN MOLEX
	10-0375	MALE PINS (4) MOLEX
CN6	10-0368	HOUSING-4 PIN MOLEX
	10-0372	FEMALE PINS (4) MOLEX
CN7	10-0510	HOUSING-4 PIN MOLEX
	10-0375	MALE PINS (4) MOLEX
CN8	10-0752	HOUSING-6 PIN MOLEX
	10-0375	MALE PINS (6) MOLEX
CN9	10-0368	HOUSING-4 PIN MOLEX
	10-0372	FEMALE PINS (4) MOLEX
CN10	10-0702	HOUSING-6 PIN MOLEX
	10-0372	FEMALE PINS (6) MOLEX
CN11	10-0357	HOUSING-3 PIN MOLEX
	10-0372	FEMALE PINS (3) MOLEX
CN12	10-0701	HOUSING-3 PIN MOLEX
	10-0443	FEMALE PINS (3) MOLEX
CN13	10-0508	HOUSING-3 PIN MOLEX
	10-0375	MALE PINS (3) MOLEX
CN14	10-0751	HOUSING-3 PIN MOLEX
	10-0442	MALE PINS (3) MOLEX
CN15	10-3331	POWER INLET
CN16	10-3395	AC POWER CORD
CN17	10-1554	LINAK 'T' CABLE
CN18	15-3715	HANDSET SW CONTROL
CN19	10-0509	HOUSING 2 PIN MOLEX
	10-0375	MALE PINS (2) MOLEX
CN20	10-0356	HOUSING 2 PIN MOLEX
	10-0372	FEMALE PINS (4) MOLEX
L1	15-0473	NEON LAMP

ITEM NO.	PART NO.	DESCRIPTION
16	10-4549	CABLE LOCK
15	10-4557	LINAK LA31 EXTENSION CABLE
14	15-1117	A.C. OUTLET EXTENSION CABLE
13	15-0830	HARNESS: AC 115/220 V.
12	15-1106	SAFETY SWITCH CABLE: CBII
11	15-3715	HAND CONTROL- 3 POSITION
10	15-1088	POWER CABLE A.C.

ITEM NO.	PART NO.	DESCRIPTION
9	15-2255	A.C. DUPLEX ASSEMBLY-115V.
8	10-1428	A.C. POWER CABLE
7	15-1113	A.C. SWITCH CABLE
6	10-1554	'T' CABLE -LINAK
5	15-0797	FOOT CONTROL-3 POSITION
4	10-4546	JUNCTION BOX W/MATRIX
3	15-1103	CB ELECT BOX- 115 V.
2	10-4561	CONTROL POWER 115V.
1	10-4560	LINAK CB20 CONTROL

PROPRIETARY AND CONFIDENTIAL

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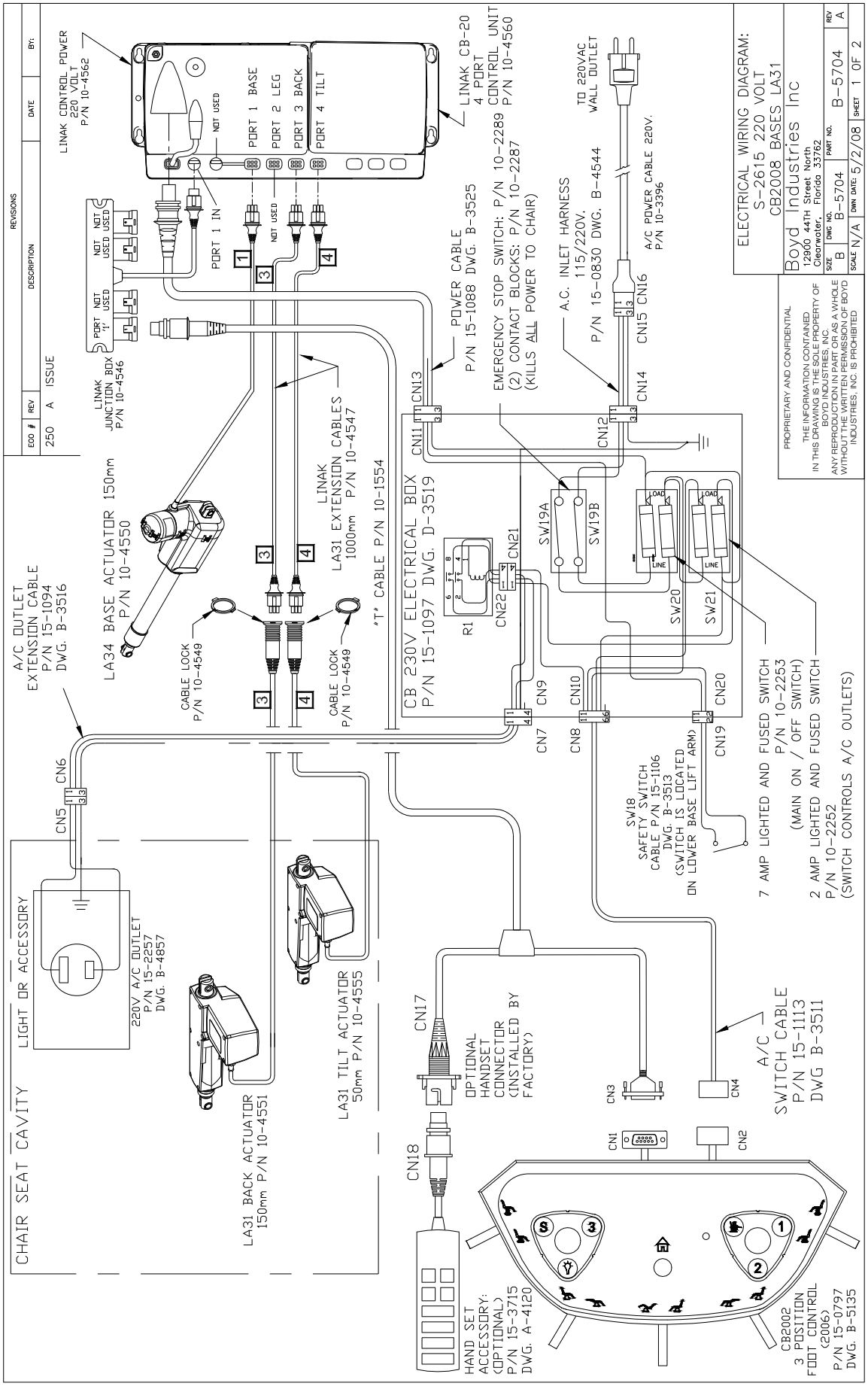
ELECTRICAL SCHEMATIC:
S-2615 115 VOLT
CB2008 BASES LA31

Boyd Industries Inc
12900 44TH Street North
Clearwater, Florida 33762

SIZE	DWG NO.	PART NO.	REV
B	B-5700	B-5700	A

SCALE	DWN DATE:	SHEET
N/A	5/2/08	2 OF 2


REVISIONS
ECO # | REV | DESCRIPTION | DATE | BY:
250 A ISSUE
LINAK CONTROL POWER 220 VOLT P/N 10-4562
LINAK CB-20 4 PORT CONTROL UNIT P/N 10-4560
PORT 1 BASE
PORT 2 LEG
PORT 3 BACK
PORT 4 TILT
NOT USED
PORT 1 IN
LINAK JUNCTION BOX P/N 10-4546
POWER CABLE P/N 15-1088 DWG. B-3525
EMERGENCY STOP SWITCH: P/N 10-2289
(2) CONTACT BLOCKS: P/N 10-2287
(KILLS ALL POWER TO CHAIR)
A.C. INLET HARNESS 115/220V. P/N 15-0830 DWG. B-4544
TO 220VAC WALL OUTLET
A/C POWER CABLE 220V. P/N 10-3396
CN15 CN16
CN14
CN13
CN11
CN12
LA34 BASE ACTUATOR 150mm P/N 10-4550
LINAK LA31 EXTENSION CABLES 1000mm P/N 10-4547
"T" CABLE P/N 10-1554
CABLE LOCK P/N 10-4549
CB 230V ELECTRICAL BOX P/N 15-1097 DWG. D-3519
R1
CN22
CN21
SW19A
SW19B
SW20
SW21
LINE
LOAD
A/C OUTLET EXTENSION CABLE P/N 15-1094 DWG. B-3516
CN6
CN5
CN9
CN10
CN20
CN7
CN8
CN19
SW18 SAFETY SWITCH CABLE P/N 15-1106 DWG. B-3513 (SWITCH IS LOCATED ON LOWER BASE LIFT ARM)
7 AMP LIGHTED AND FUSED SWITCH P/N 10-2253 (MAIN ON / OFF SWITCH)
2 AMP LIGHTED AND FUSED SWITCH P/N 10-2252 (SWITCH CONTROLS A/C OUTLETS)
CHAIR SEAT CAVITY
LIGHT OR ACCESSORY
220V A/C OUTLET P/N 15-2257 DWG. B-4857
LA31 BACK ACTUATOR 150mm P/N 10-4551
LA31 TILT ACTUATOR 50mm P/N 10-4555
CN17
OPTIONAL HANDSET CONNECTOR (INSTALLED BY FACTORY)
CN3
CN4
A/C SWITCH CABLE P/N 15-1113 DWG B-3511
CN1
CN2
CN18
HAND SET ACCESSORY: (OPTIONAL) P/N 15-3715 DWG. A-4120
CB2002 3 POSITION FOOT CONTROL (2006) P/N 15-0797 DWG. B-5135
PROPRIETARY AND CONFIDENTIAL
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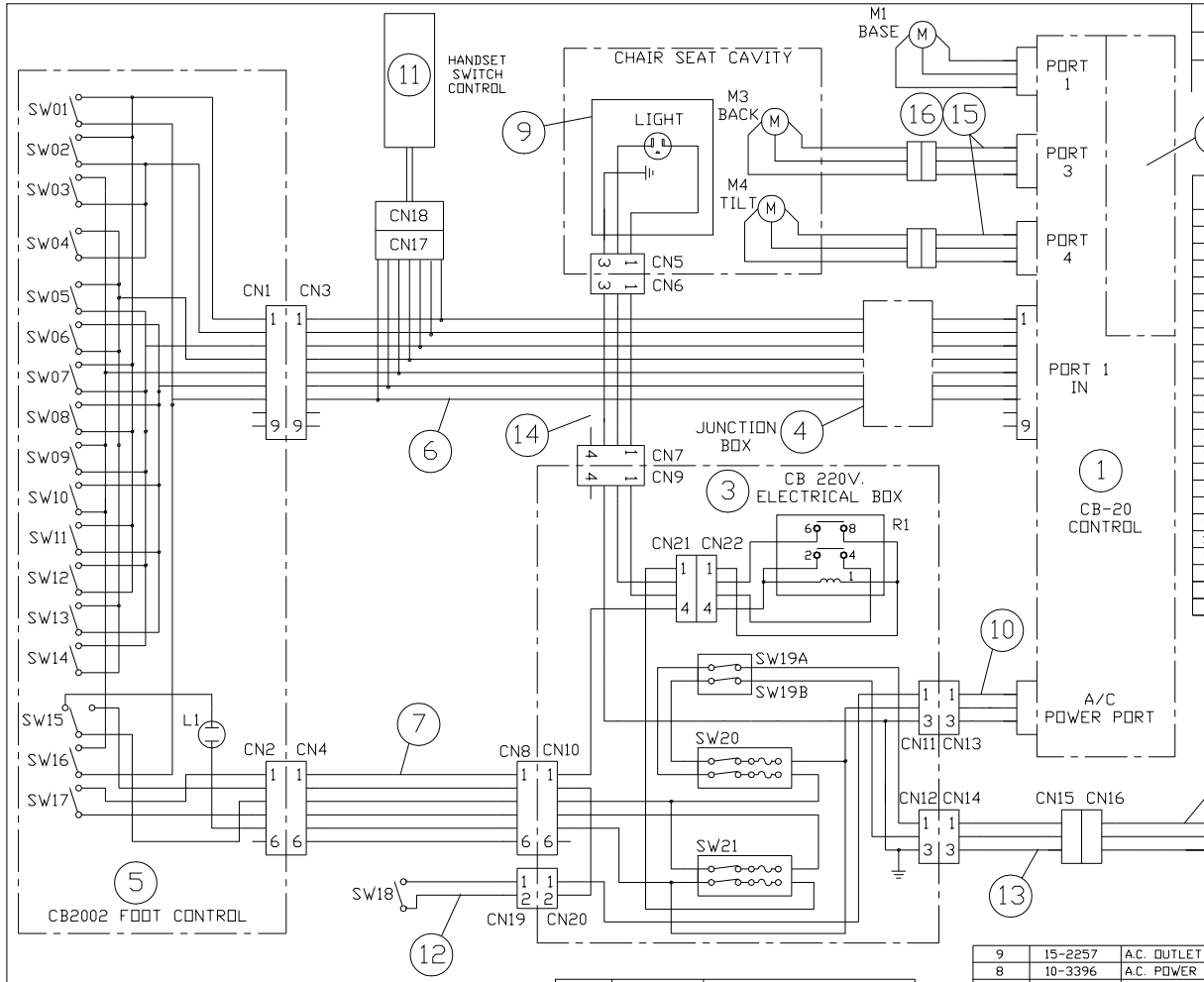
ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BOYD INDUSTRIES, INC. IS PROHIBITED
ELECTRICAL WIRING DIAGRAM:
S-2615 220 VOLT
CB2008 BASES LA31
Boyd Industries Inc
12900 44TH Street North
Clearwater, Florida 33762
SIZE B | DWG NO. B-5704 | PART NO. B-5704 | REV A
SCALE N/A | DWN DATE: 5/2/08 | SHEET 1 OF 2



REVISIONS				
ECO #	REV	DESCRIPTION	DATE	BY:
250	A	ISSUE		

ITEM NO.	PART NO.	DESCRIPTION
SW1	10-2277	POSITION #2
SW2	10-2277	POSITION #1
SW3	10-2277	POSITION #3
SW4	10-2276	SAVE
SW5	10-2273	BASE DOWN
SW6	10-2273	BASE UP
SW7	10-2273	BACK DOWN
SW8	10-2273	BACK UP
SW9	10-2273	TILT DOWN
SW10	10-2273	TILT UP
SW11	10-2273	BACK UP
SW12	10-2273	BACK DOWN
SW13	10-2273	BASE UP
SW14	10-2273	BASE DOWN
SW15	10-2278	POWER INTERRUPT
SW16	10-2277	AUTO RETURN
SW17	10-2278	LIGHT OUTLET
SW18	10-2322	SAFETY SWITCH
SW19	10-2289	EMERGENCY STOP
SW20	10-2253	MAIN ON/OFF - 7 AMP
SW21	10-2252	A/C OUTLET - 2 AMPS
M1	10-4550	BASE MOTOR LA34 150mm
M3	10-4551	BACK MOTOR LA31 150mm
M4	10-4555	TILT MOTOR LA31 50mm

ITEM NO.	PART NO.	DESCRIPTION
CN1	10-0406	9 PIN SUB-MINI
CN2	10-0702	HOUSING-6 PIN MOLEX
	10-0372	FEMALE PINS (6) MOLEX
CN3	10-0405	9 PIN SUB-MINI
CN4	10-0752	HOUSING-6 PIN MOLEX
	10-0375	MALE PINS (3) MOLEX
CN5	10-0508	HOUSING-3 PIN MOLEX
	10-0375	MALE PINS (3) MOLEX
CN6	10-0357	HOUSING-3 PIN MOLEX
	10-0372	FEMALE PINS (3) MOLEX
CN7	10-0510	HOUSING-4 PIN MOLEX
	10-0375	MALE PINS (4) MOLEX
CN8	10-0752	HOUSING-6 PIN MOLEX
	10-0375	MALE PINS (6) MOLEX
CN9	10-0368	HOUSING-4 PIN MOLEX
	10-0372	FEMALE PINS (4) MOLEX
CN10	10-0702	HOUSING-6 PIN MOLEX
	10-0372	FEMALE PINS (6) MOLEX
CN11	10-0357	HOUSING-3 PIN MOLEX
	10-0372	FEMALE PINS (3) MOLEX
CN12	10-0701	HOUSING-3 PIN MOLEX
	10-0443	FEMALE PINS (3) MOLEX
CN13	10-0508	HOUSING-3 PIN MOLEX
	10-0375	MALE PINS (3) MOLEX
CN14	10-0751	HOUSING-3 PIN MOLEX
	10-0442	MALE PINS (3) MOLEX
CN15	10-3331	POWER INLET
CN16	10-3395	AC POWER CORD
CN17	10-1554	LINAK 'T' CABLE
CN18	15-3715	HANDSET SW CONTROL
CN19	10-0509	HOUSING 2 PIN MOLEX
	10-0375	MALE PINS (2) MOLEX
CN20	10-0356	HOUSING 2 PIN MOLEX
	10-0372	FEMALE PINS (4) MOLEX
CN21	10-0510	HOUSING-4 PIN MOLEX
	10-0375	MALE PINS (4) MOLEX
CN22	10-0368	HOUSING-4 PIN MOLEX
	10-0372	FEMALE PINS (4) MOLEX
L1	15-0473	NEON LAMP
R1	10-0458	RELAY- OMRON G7L-2A-TUB-CB-AC200/240

ITEM NO.	PART NO.	DESCRIPTION
16	10-4549	CABLE LOCK
15	10-4557	LINAK LA31 EXTENSION CABLE
14	10-1094	A.C. OUTLET EXTENSION CABLE
13	15-0830	HARNESS: AC 115/220 V.
12	15-1106	SAFETY SWITCH CABLE: CBII
11	15-3715	HAND CONTROL- 3 POSITION
10	15-1088	POWER CABLE A.C.

ITEM NO.	PART NO.	DESCRIPTION
9	15-2257	A.C. OUTLET ASSEMBLY-220V.
8	10-3396	A.C. POWER CABLE
7	15-1113	A.C. SWITCH CABLE
6	10-1554	'T' CABLE -LINAK
5	15-0797	FOOT CONTROL-3 POSITION
4	10-4546	JUNCTION BOX W/MATRIX
3	15-1097	CB ELECT BOX- 220V.
2	10-4562	CONTROL POWER 220V.
1	10-4560	LINAK CB20 CONTROL

PROPRIETARY AND CONFIDENTIAL

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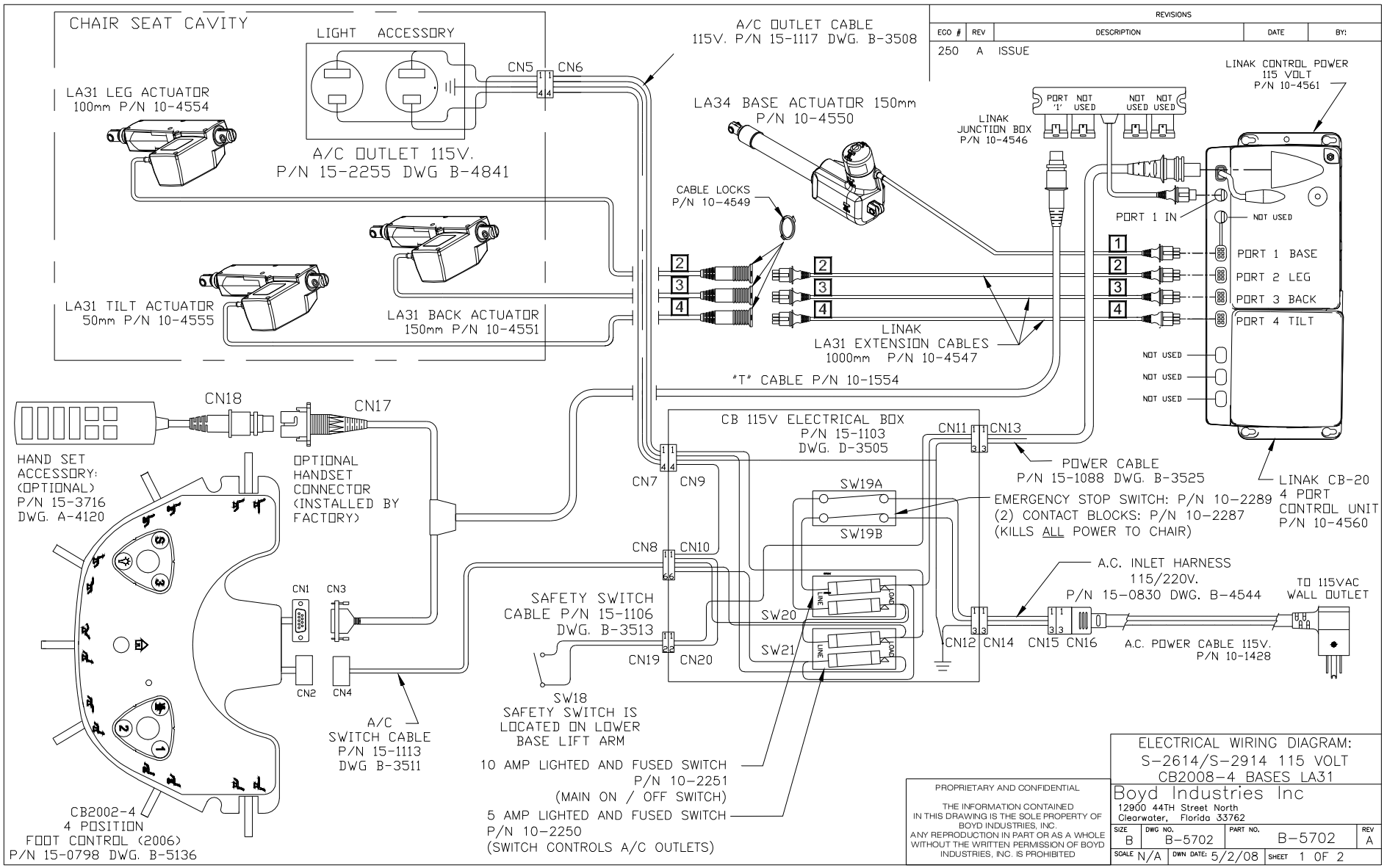
ELECTRICAL SCHEMATIC: S-2615 220 VOLT CB2008 BASES LA31

Boyd Industries Inc
12900 44TH Street North
Clearwater, Florida 33762

SIZE	DWG NO.	PART NO.	REV
B	B-5704	B-5704	A

SCALE N/A | DWN DATE: 5/2/08 | SHEET 2 OF 2


CHAIR SEAT CAVITY
LIGHT ACCESSORY
A/C OUTLET CABLE
115V. P/N 15-1117 DWG. B-3508
CN5
CN6
LA31 LEG ACTUATOR
100mm P/N 10-4554
A/C OUTLET 115V.
P/N 15-2255 DWG B-4841
LA34 BASE ACTUATOR 150mm
P/N 10-4550
LINAK CONTROL POWER
115 VOLT
P/N 10-4561
LINAK
JUNCTION BOX
P/N 10-4546
PORT NOT USED '1'
NOT USED
NOT USED
CABLE LOCKS
P/N 10-4549
PORT 1 IN
NOT USED
PORT 1 BASE
PORT 2 LEG
PORT 3 BACK
PORT 4 TILT
LA31 TILT ACTUATOR
50mm P/N 10-4555
LA31 BACK ACTUATOR
150mm P/N 10-4551
LINAK
LA31 EXTENSION CABLES
1000mm P/N 10-4547
"T" CABLE P/N 10-1554
NOT USED
NOT USED
NOT USED
CN18
CN17
CB 115V ELECTRICAL BOX
P/N 15-1103
DWG. D-3505
CN11
CN13
POWER CABLE
P/N 15-1088 DWG. B-3525
HAND SET
ACCESSORY:
(OPTIONAL)
P/N 15-3716
DWG. A-4120
OPTIONAL
HANDSET
CONNECTOR
(INSTALLED BY
FACTORY)
CN7
CN9
SW19A
SW19B
EMERGENCY STOP SWITCH: P/N 10-2289
(2) CONTACT BLOCKS: P/N 10-2287
(KILLS ALL POWER TO CHAIR)
LINAK CB-20
4 PORT
CONTROL UNIT
P/N 10-4560
CN8
CN10
A.C. INLET HARNESS
115/220V.
P/N 15-0830 DWG. B-4544
TO 115VAC
WALL OUTLET
CN1
CN3
SAFETY SWITCH
CABLE P/N 15-1106
DWG. B-3513
SW20
SW21
CN12
CN14
CN15
CN16
A.C. POWER CABLE 115V.
P/N 15-1428
CN19
CN20
CN2
CN4
A/C
SWITCH CABLE
P/N 15-1113
DWG B-3511
SW18
SAFETY SWITCH IS
LOCATED ON LOWER
BASE LIFT ARM
10 AMP LIGHTED AND FUSED SWITCH
P/N 10-2251
(MAIN ON / OFF SWITCH)
5 AMP LIGHTED AND FUSED SWITCH
P/N 10-2250
(SWITCH CONTROLS A/C OUTLETS)
CB2002-4
4 POSITION
FOOT CONTROL (2006)
P/N 15-0798 DWG. B-5136
REVISIONS
ECO # REV DESCRIPTION DATE BY:
250 A ISSUE
PROPRIETARY AND CONFIDENTIAL
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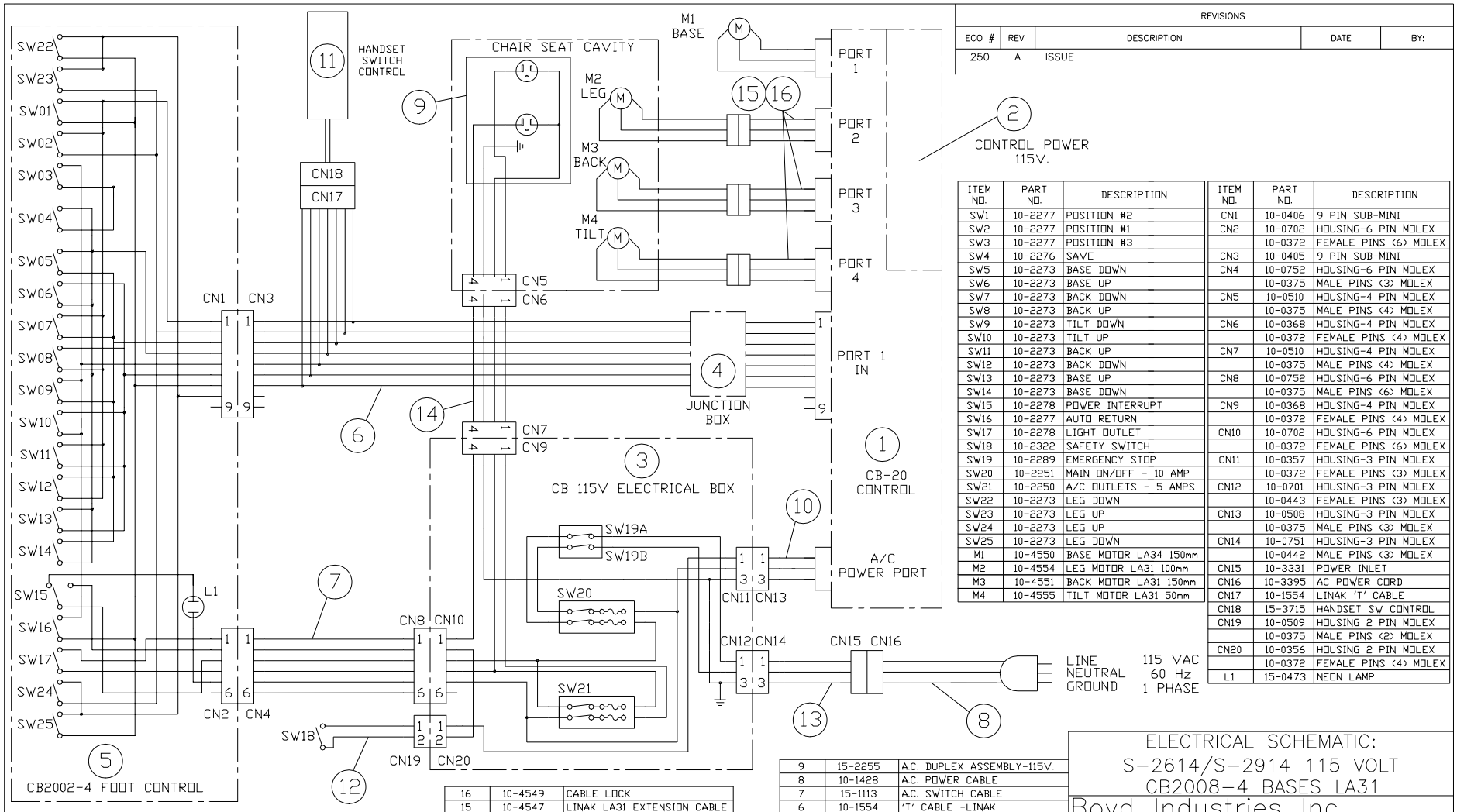
ELECTRICAL WIRING DIAGRAM:
S-2614/S-2914 115 VOLT
CB2008-4 BASES LA31
Boyd Industries Inc
12900 44TH Street North
Clearwater, Florida 33762
SIZE B
DWG NO. B-5702
PART NO. B-5702
REV A
SCALE N/A
DWN DATE: 5/2/08
SHEET 1 OF 2



REVISIONS				
ECO #	REV	DESCRIPTION	DATE	BY:
250	A	ISSUE		

ITEM NO.	PART NO.	DESCRIPTION
SW1	10-2277	POSITION #2
SW2	10-2277	POSITION #1
SW3	10-2277	POSITION #3
SW4	10-2276	SAVE
SW5	10-2273	BASE DOWN
SW6	10-2273	BASE UP
SW7	10-2273	BACK DOWN
SW8	10-2273	BACK UP
SW9	10-2273	TILT DOWN
SW10	10-2273	TILT UP
SW11	10-2273	BACK UP
SW12	10-2273	BACK DOWN
SW13	10-2273	BASE UP
SW14	10-2273	BASE DOWN
SW15	10-2278	POWER INTERRUPT
SW16	10-2277	AUTO RETURN
SW17	10-2278	LIGHT OUTLET
SW18	10-2322	SAFETY SWITCH
SW19	10-2289	EMERGENCY STOP
SW20	10-2251	MAIN ON/OFF - 10 AMP
SW21	10-2250	A/C OUTLETS - 5 AMPS
SW22	10-2273	LEG DOWN
SW23	10-2273	LEG UP
SW24	10-2273	LEG UP
SW25	10-2273	LEG DOWN
M1	10-4550	BASE MOTOR LA34 150mm
M2	10-4554	LEG MOTOR LA31 100mm
M3	10-4551	BACK MOTOR LA31 150mm
M4	10-4555	TILT MOTOR LA31 50mm

ITEM NO.	PART NO.	DESCRIPTION
CN1	10-0406	9 PIN SUB-MINI
CN2	10-0702	HOUSING-6 PIN MOLEX
	10-0372	FEMALE PINS (6) MOLEX
CN3	10-0405	9 PIN SUB-MINI
CN4	10-0752	HOUSING-6 PIN MOLEX
	10-0375	MALE PINS (3) MOLEX
CN5	10-0510	HOUSING-4 PIN MOLEX
	10-0375	MALE PINS (4) MOLEX
CN6	10-0368	HOUSING-4 PIN MOLEX
	10-0372	FEMALE PINS (4) MOLEX
CN7	10-0510	HOUSING-4 PIN MOLEX
	10-0375	MALE PINS (4) MOLEX
CN8	10-0752	HOUSING-6 PIN MOLEX
	10-0375	MALE PINS (6) MOLEX
CN9	10-0368	HOUSING-4 PIN MOLEX
	10-0372	FEMALE PINS (4) MOLEX
CN10	10-0702	HOUSING-6 PIN MOLEX
	10-0372	FEMALE PINS (6) MOLEX
CN11	10-0357	HOUSING-3 PIN MOLEX
	10-0372	FEMALE PINS (3) MOLEX
CN12	10-0701	HOUSING-3 PIN MOLEX
	10-0443	FEMALE PINS (3) MOLEX
CN13	10-0508	HOUSING-3 PIN MOLEX
	10-0375	MALE PINS (3) MOLEX
CN14	10-0751	HOUSING-3 PIN MOLEX
	10-0442	MALE PINS (3) MOLEX
CN15	10-3331	POWER INLET
CN16	10-3395	AC POWER CORD
CN17	10-1554	LINAK 'T' CABLE
CN18	15-3715	HANDSET SW CONTROL
CN19	10-0509	HOUSING 2 PIN MOLEX
	10-0375	MALE PINS (2) MOLEX
CN20	10-0356	HOUSING 2 PIN MOLEX
	10-0372	FEMALE PINS (4) MOLEX
L1	15-0473	NEON LAMP

ITEM NO.	PART NO.	DESCRIPTION
16	10-4549	CABLE LOCK
15	10-4547	LINAK LA31 EXTENSION CABLE
14	15-1117	A.C. OUTLET EXTENSION CABLE
13	15-0830	HARNESS: AC 115/220 V.
12	15-1106	SAFETY SWITCH CABLE: CBII
11	15-3716	HAND CONTROL- 4 POSITION
10	15-1088	POWER CABLE A.C.

ITEM NO.	PART NO.	DESCRIPTION
9	15-2255	A.C. DUPLEX ASSEMBLY-115V.
8	10-1428	A.C. POWER CABLE
7	15-1113	A.C. SWITCH CABLE
6	15-1554	'T' CABLE -LINAK
5	15-0798	FOOT CONTROL-4 POSITION
4	10-4546	JUNCTION BOX W/MATRIX
3	15-1103	CB ELECT BOX- 115 V.
2	10-4561	CONTROL POWER 115V.
1	10-4560	LINAK CB20 CONTROL

PROPRIETARY AND CONFIDENTIAL

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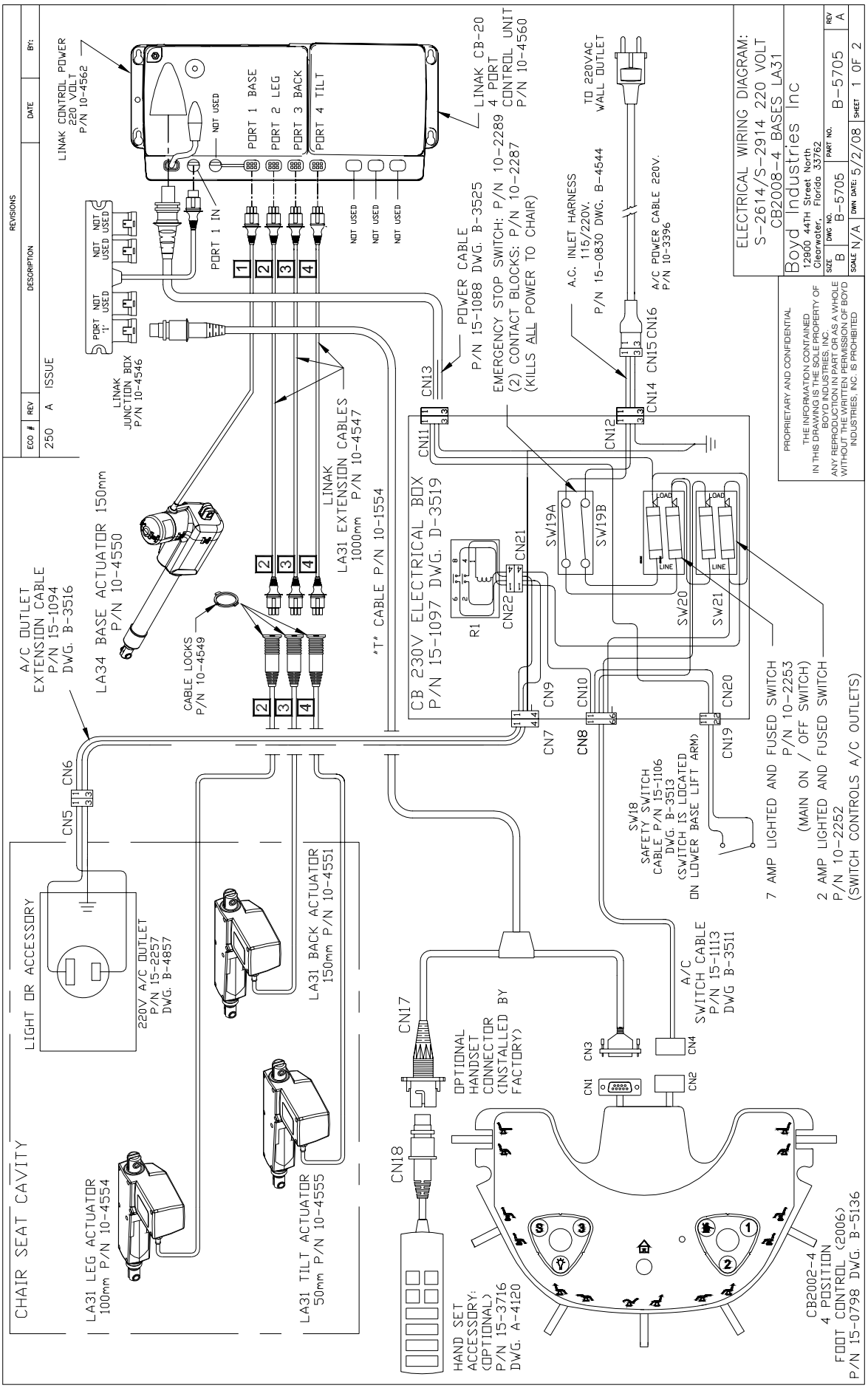
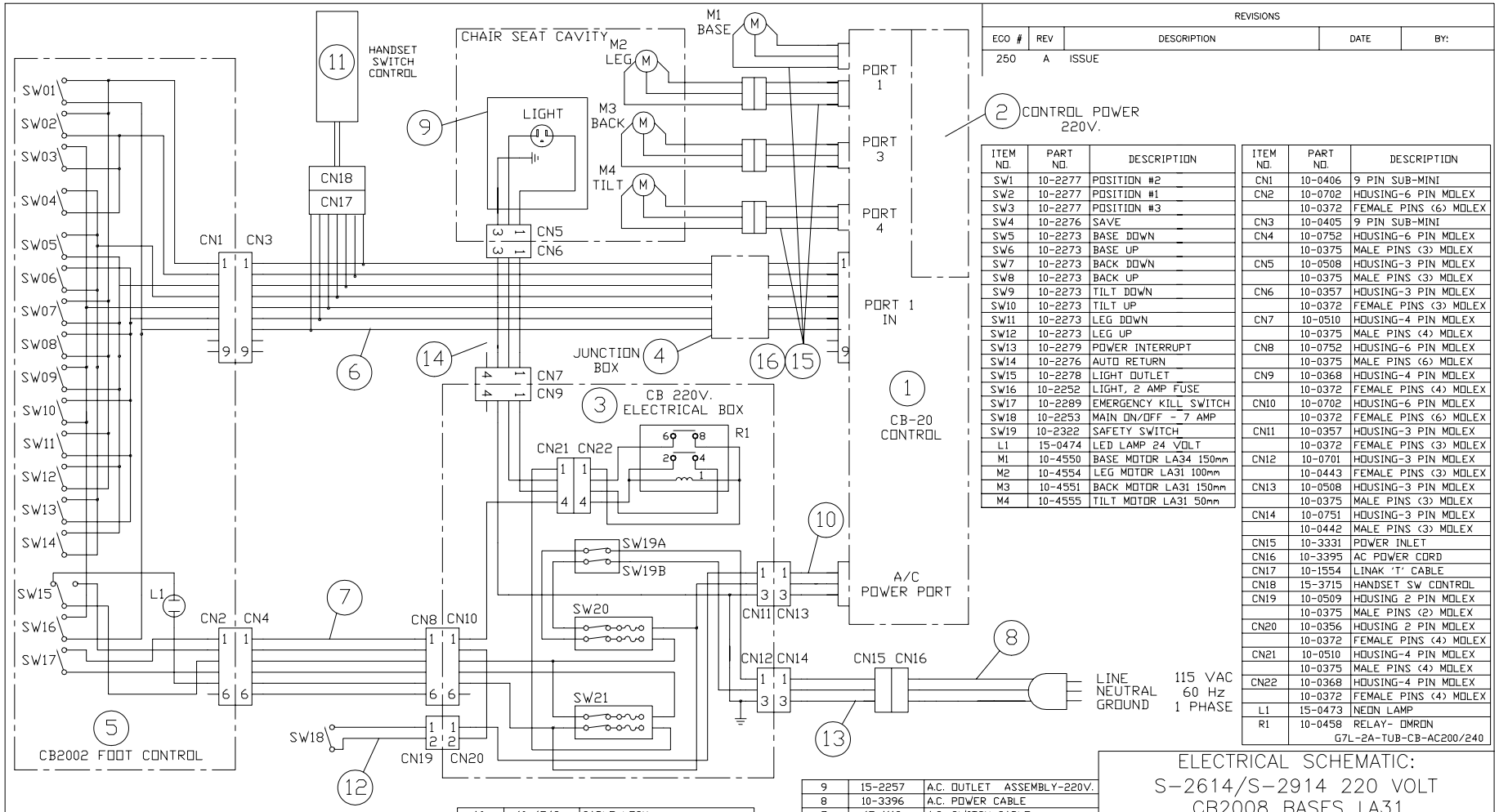
ELECTRICAL SCHEMATIC:
S-2614/S-2914 115 VOLT
CB2008-4 BASES LA31

Boyd Industries Inc
12900 44TH Street North
Clearwater, Florida 33762

SIZE	DWG NO.	PART NO.	REV
B	B-5702	B-5702	A

SCALE	DWN DATE:	SHEET
N/A	5/2/08	2 OF 3


REVISIONS
ECO # | REV | DESCRIPTION | DATE | BY:
250 A ISSUE
ELECTRICAL WIRING DIAGRAM:
S-2614/S-2914 220 VOLT
CB2008-4 BASES LA31
Boyd Industries Inc
12900 44TH Street North
Clearwater, Florida 33762
SIZE B | DWG NO. B-5705 | PART NO. B-5705 | REV A
SCALE N/A | DWN DATE: 5/2/08 | SHEET 1 OF 2
PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BOYD INDUSTRIES, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BOYD INDUSTRIES, INC. IS PROHIBITED
CHAIR SEAT CAVITY
LINAK CONTROL POWER 220 VOLT P/N 10-4562
LINAK CB-20 4 PORT CONTROL UNIT P/N 10-4560
PORT 1 BASE
PORT 2 LEG
PORT 3 BACK
PORT 4 TILT
NOT USED
PORT 1 IN
PORT "1" NOT USED
LINAK JUNCTION BOX P/N 10-4546
POWER CABLE P/N 15-1088 DWG. B-3525
EMERGENCY STOP SWITCH: P/N 10-2289
(2) CONTACT BLOCKS: P/N 10-2287
(KILLS ALL POWER TO CHAIR)
A.C. INLET HARNESS 115/220V. P/N 15-0830 DWG. B-4544
TO 220VAC WALL OUTLET
A/C POWER CABLE 220V. P/N 10-3396
LA34 BASE ACTUATOR 150mm P/N 10-4550
LINAK LA31 EXTENSION CABLES 1000mm P/N 10-4547
"T" CABLE P/N 10-1554
CABLE LOCKS P/N 10-4549
A/C OUTLET EXTENSION CABLE P/N 15-1094 DWG. B-3516
CB 230V ELECTRICAL BOX P/N 15-1097 DWG. D-3519
CN1 CN2 CN3 CN4 CN5 CN6 CN7 CN8 CN9 CN10 CN11 CN12 CN13 CN14 CN15 CN16 CN17 CN18 CN19 CN20 CN21 CN22
R1
SW18 SAFETY SWITCH CABLE P/N 15-1106 DWG. B-3513 (SWITCH IS LOCATED ON LOWER BASE LIFT ARM)
SW19A SW19B SW20 SW21
LOAD LINE
7 AMP LIGHTED AND FUSED SWITCH P/N 10-2253 (MAIN ON / OFF SWITCH)
2 AMP LIGHTED AND FUSED SWITCH P/N 10-2252 (SWITCH CONTROLS A/C OUTLETS)
LIGHT OR ACCESSORY
220V A/C OUTLET P/N 15-2257 DWG. B-4857
LA31 LEG ACTUATOR 100mm P/N 10-4554
LA31 BACK ACTUATOR 150mm P/N 10-4551
LA31 TILT ACTUATOR 50mm P/N 10-4555
OPTIONAL HANDSET CONNECTOR (INSTALLED BY FACTORY)
A/C SWITCH CABLE P/N 15-1113 DWG B-3511
HAND SET ACCESSORY: (OPTIONAL) P/N 15-3716 DWG. A-4120
CB2002-4 4 POSITION FOOT CONTROL (2006) P/N 15-0798 DWG. B-5136



REVISIONS				
ECO #	REV	DESCRIPTION	DATE	BY:
250	A	ISSUE		

ITEM NO.	PART NO.	DESCRIPTION
SW1	10-2277	POSITION #2
SW2	10-2277	POSITION #1
SW3	10-2277	POSITION #3
SW4	10-2276	SAVE
SW5	10-2273	BASE DOWN
SW6	10-2273	BASE UP
SW7	10-2273	BACK DOWN
SW8	10-2273	BACK UP
SW9	10-2273	TILT DOWN
SW10	10-2273	TILT UP
SW11	10-2273	LEG DOWN
SW12	10-2273	LEG UP
SW13	10-2279	POWER INTERRUPT
SW14	10-2276	AUTO RETURN
SW15	10-2278	LIGHT OUTLET
SW16	10-2252	LIGHT, 2 AMP FUSE
SW17	10-2289	EMERGENCY KILL SWITCH
SW18	10-2253	MAIN ON/OFF - 7 AMP
SW19	10-2322	SAFETY SWITCH
L1	15-0474	LED LAMP 24 VOLT
M1	10-4550	BASE MOTOR LA34 150mm
M2	10-4554	LEG MOTOR LA31 100mm
M3	10-4551	BACK MOTOR LA31 150mm
M4	10-4555	TILT MOTOR LA31 50mm

ITEM NO.	PART NO.	DESCRIPTION
CN1	10-0406	9 PIN SUB-MINI
CN2	10-0702	HOUSING-6 PIN MOLEX
	10-0372	FEMALE PINS (6) MOLEX
CN3	10-0405	9 PIN SUB-MINI
CN4	10-0752	HOUSING-6 PIN MOLEX
	10-0375	MALE PINS (3) MOLEX
CN5	10-0508	HOUSING-3 PIN MOLEX
	10-0375	MALE PINS (3) MOLEX
CN6	10-0357	HOUSING-3 PIN MOLEX
	10-0372	FEMALE PINS (3) MOLEX
CN7	10-0510	HOUSING-4 PIN MOLEX
	10-0375	MALE PINS (4) MOLEX
CN8	10-0752	HOUSING-6 PIN MOLEX
	10-0375	MALE PINS (6) MOLEX
CN9	10-0368	HOUSING-4 PIN MOLEX
	10-0372	FEMALE PINS (4) MOLEX
CN10	10-0702	HOUSING-6 PIN MOLEX
	10-0372	FEMALE PINS (6) MOLEX
CN11	10-0357	HOUSING-3 PIN MOLEX
	10-0372	FEMALE PINS (3) MOLEX
CN12	10-0701	HOUSING-3 PIN MOLEX
	10-0443	FEMALE PINS (3) MOLEX
CN13	10-0508	HOUSING-3 PIN MOLEX
	10-0375	MALE PINS (3) MOLEX
CN14	10-0751	HOUSING-3 PIN MOLEX
	10-0442	MALE PINS (3) MOLEX
CN15	10-3331	POWER INLET
CN16	10-3395	AC POWER CORD
CN17	10-1554	LINAK 'T' CABLE
CN18	15-3715	HANDSET SW CONTROL
CN19	10-0509	HOUSING 2 PIN MOLEX
	10-0375	MALE PINS (2) MOLEX
CN20	10-0356	HOUSING 2 PIN MOLEX
	10-0372	FEMALE PINS (4) MOLEX
CN21	10-0510	HOUSING-4 PIN MOLEX
	10-0375	MALE PINS (4) MOLEX
CN22	10-0368	HOUSING-4 PIN MOLEX
	10-0372	FEMALE PINS (4) MOLEX
L1	15-0473	NEON LAMP
R1	10-0458	RELAY- OMRON G7L-2A-TUB-CB-AC200/240

ITEM NO.	PART NO.	DESCRIPTION
16	10-4549	CABLE LOCK
15	10-4557	LINAK LA31 EXTENSION CABLE
14	15-1094	A.C. OUTLET EXTENSION CABLE
13	15-0830	HARNESS: AC 115/220 V.
12	15-1106	SAFETY SWITCH CABLE: CBII
11	15-3716	HAND CONTROL- 4 POSITION
10	15-1088	POWER CABLE A.C.

ITEM NO.	PART NO.	DESCRIPTION
9	15-2257	A.C. OUTLET ASSEMBLY-220V.
8	10-3396	A.C. POWER CABLE
7	15-1113	A.C. SWITCH CABLE
6	10-1554	'T' CABLE -LINAK
5	15-0797	FOOT CONTROL-3 POSITION
4	10-4546	JUNCTION BOX W/MATRIX
3	15-1097	CB ELECT BOX- 220V.
2	10-4562	CONTROL POWER 220V.
1	10-4560	LINAK CB20 CONTROL

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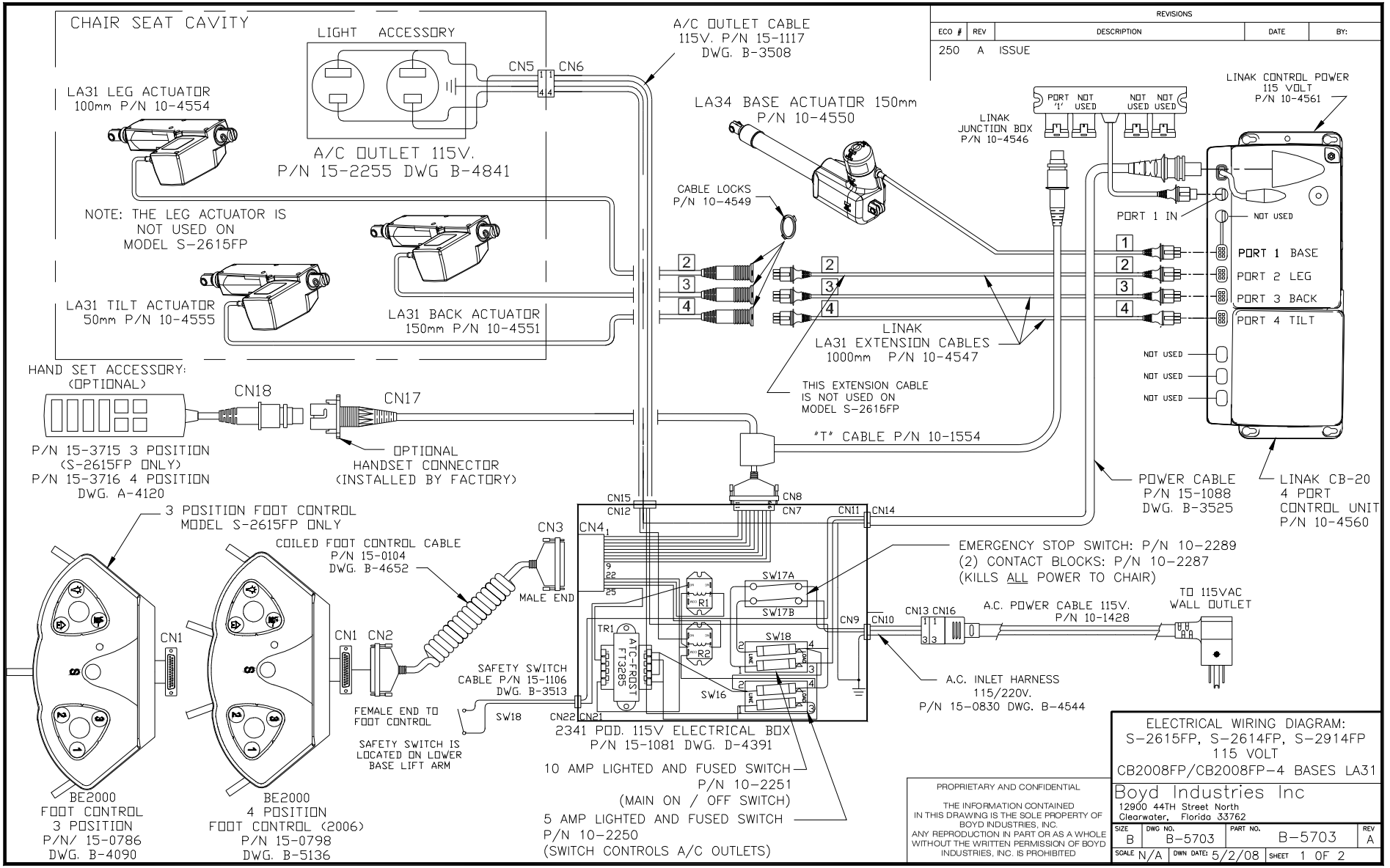
ELECTRICAL SCHEMATIC:
S-2614/S-2914 220 VOLT
CB2008 BASES LA31

Boyd Industries Inc
12900 44TH Street North
Clearwater, Florida 33762

SIZE	DWG NO.	PART NO.	REV
B	B-5705	B-5705	A

SCALE	DWN DATE:	SHEET
N/A	5/2/08	2 OF 2


CHAIR SEAT CAVITY
LIGHT ACCESSORY
CN5
CN6
A/C OUTLET CABLE
115V. P/N 15-1117
DWG. B-3508
LA31 LEG ACTUATOR
100mm P/N 10-4554
A/C OUTLET 115V.
P/N 15-2255 DWG B-4841
LA34 BASE ACTUATOR 150mm
P/N 10-4550
LINAK CONTROL POWER
115 VOLT
P/N 10-4561
LINAK
JUNCTION BOX
P/N 10-4546
PORT 1 'I'
NOT USED
NOT USED
NOT USED
NOTE: THE LEG ACTUATOR IS
NOT USED ON
MODEL S-2615FP
CABLE LOCKS
P/N 10-4549
PORT 1 IN
NOT USED
PORT 1 BASE
PORT 2 LEG
PORT 3 BACK
PORT 4 TILT
LA31 TILT ACTUATOR
50mm P/N 10-4555
LA31 BACK ACTUATOR
150mm P/N 10-4551
LINAK
LA31 EXTENSION CABLES
1000mm P/N 10-4547
NOT USED
NOT USED
NOT USED
THIS EXTENSION CABLE
IS NOT USED ON
MODEL S-2615FP
HAND SET ACCESSORY:
(OPTIONAL)
CN18
CN17
"T" CABLE P/N 10-1554
P/N 15-3715 3 POSITION
(S-2615FP ONLY)
P/N 15-3716 4 POSITION
DWG. A-4120
OPTIONAL
HANDSET CONNECTOR
(INSTALLED BY FACTORY)
POWER CABLE
P/N 15-1088
DWG. B-3525
LINAK CB-20
4 PORT
CONTROL UNIT
P/N 10-4560
CN15
CN12
CN8
CN7
CN11
CN14
3 POSITION FOOT CONTROL
MODEL S-2615FP ONLY
CN3
CN4
COILED FOOT CONTROL CABLE
P/N 15-0104
DWG. B-4652
MALE END
EMERGENCY STOP SWITCH: P/N 10-2289
(2) CONTACT BLOCKS: P/N 10-2287
(KILLS ALL POWER TO CHAIR)
SW17A
SW17B
R1
R2
TR1
ATC-FROST
FT3285
SW18
SW16
CN9
CN10
CN13
CN16
A.C. POWER CABLE 115V.
P/N 10-1428
TO 115VAC
WALL OUTLET
CN1
CN1
CN2
SAFETY SWITCH
CABLE P/N 15-1106
DWG. B-3513
FEMALE END TO
FOOT CONTROL
SAFETY SWITCH IS
LOCATED ON LOWER
BASE LIFT ARM
SW18
CN22
CN21
A.C. INLET HARNESS
115/220V.
P/N 15-0830 DWG. B-4544
2341 POD. 115V ELECTRICAL BOX
P/N 15-1081 DWG. D-4391
10 AMP LIGHTED AND FUSED SWITCH
P/N 10-2251
(MAIN ON / OFF SWITCH)
5 AMP LIGHTED AND FUSED SWITCH
P/N 10-2250
(SWITCH CONTROLS A/C OUTLETS)
BE2000
FOOT CONTROL
3 POSITION
P/N/ 15-0786
DWG. B-4090
BE2000
4 POSITION
FOOT CONTROL (2006)
P/N 15-0798
DWG. B-5136
REVISIONS
ECO # REV DESCRIPTION DATE BY:
250 A ISSUE
PROPRIETARY AND CONFIDENTIAL
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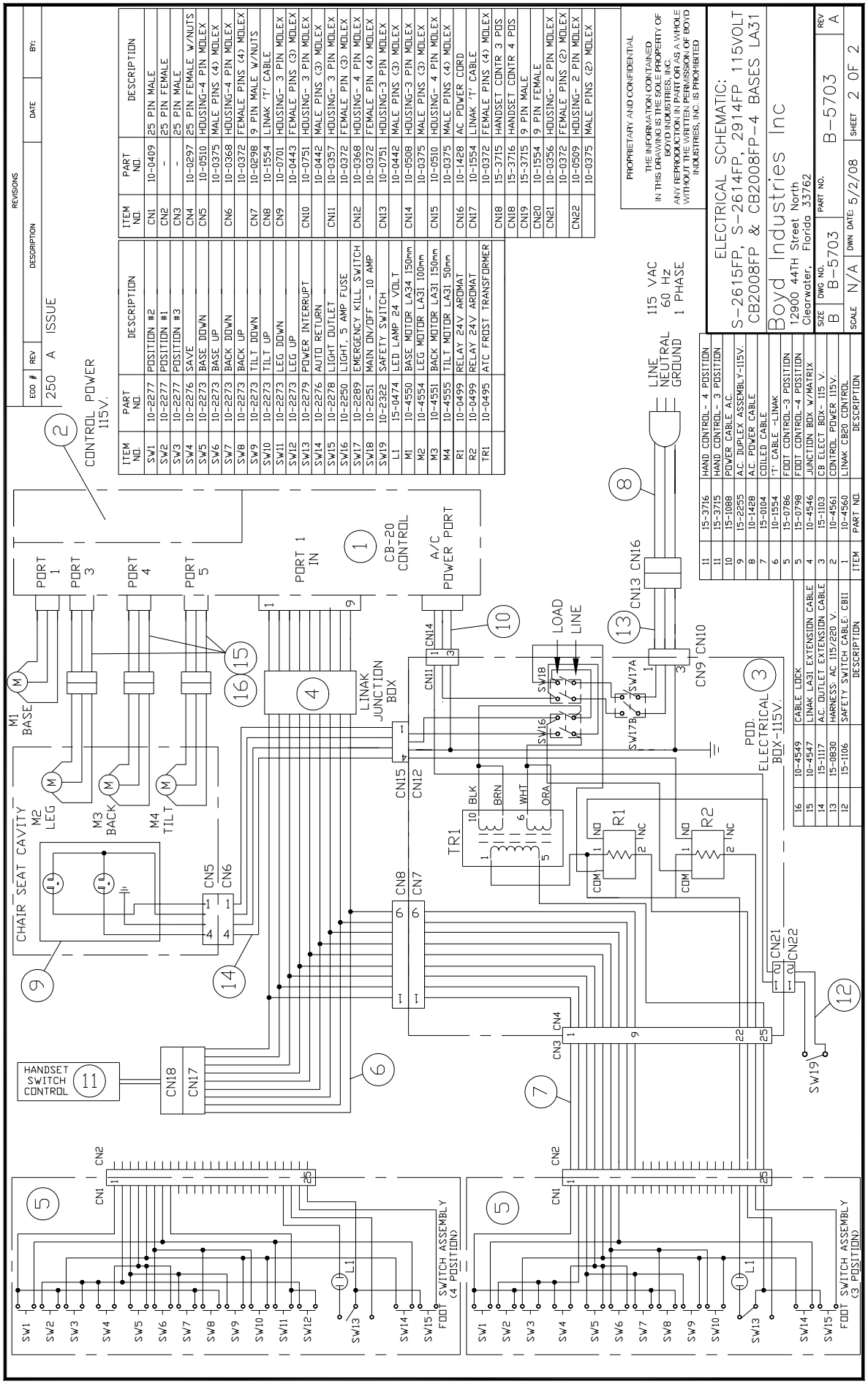
INDUSTRIES, INC. IS PROHIBITED
ELECTRICAL WIRING DIAGRAM:
S-2615FP, S-2614FP, S-2914FP
115 VOLT
CB2008FP/CB2008FP-4 BASES LA31
Boyd Industries Inc
12900 44TH Street North
Clearwater, Florida 33762
SIZE B
DWG NO. B-5703
PART NO. B-5703
REV A
SCALE N/A
DWN DATE: 5/2/08
SHEET 1 OF 2


REVISIONS
ECO # REV DESCRIPTION DATE BY:
250 A ISSUE
CONTROL POWER 115V.
CHAIR SEAT CAVITY
M1 BASE
M2 LEG
M3 BACK
M4 TILT
PORT 1
PORT 3
PORT 4
PORT 5
PORT 1 IN
CB-20 CONTROL
A/C POWER PORT
LINAK JUNCTION BOX
CN5 CN6
CN8 CN7
CN15 CN12
CN11 CN14
TR1
BLK BRN WHT ORA
R1 R2
NO NC COM
SW16 SW18 SW17A SW17B
LOAD LINE
CN13 CN16
CN9 CN10
POD. ELECTRICAL BOX-115V.
LINE NEUTRAL GROUND
115 VAC 60 Hz 1 PHASE
CN3 CN4
CN21 CN22
SW19
HANDSET SWITCH CONTROL
CN18 CN17
FOOT SWITCH ASSEMBLY (4 POSITION)
FOOT SWITCH ASSEMBLY (3 POSITION)
SW1 SW2 SW3 SW4 SW5 SW6 SW7 SW8 SW9 SW10 SW11 SW12 SW13 SW14 SW15
CN1 CN2
L1
ITEM NO. PART NO. DESCRIPTION
SW1 10-2277 POSITION #2
SW2 10-2277 POSITION #1
SW3 10-2277 POSITION #3
SW4 10-2276 SAVE
SW5 10-2273 BASE DOWN
SW6 10-2273 BASE UP
SW7 10-2273 BACK DOWN
SW8 10-2273 BACK UP
SW9 10-2273 TILT DOWN
SW10 10-2273 TILT UP
SW11 10-2273 LEG DOWN
SW12 10-2273 LEG UP
SW13 10-2279 POWER INTERRUPT
SW14 10-2276 AUTO RETURN
SW15 10-2278 LIGHT OUTLET
SW16 10-2250 LIGHT, 5 AMP FUSE
SW17 10-2289 EMERGENCY KILL SWITCH
SW18 10-2251 MAIN ON/OFF - 10 AMP
SW19 10-2322 SAFETY SWITCH
L1 15-0474 LED LAMP 24 VOLT
M1 10-4550 BASE MOTOR LA34 150mm
M2 10-4554 LEG MOTOR LA31 100mm
M3 10-4551 BACK MOTOR LA31 150mm
M4 10-4555 TILT MOTOR LA31 50mm
R1 10-0499 RELAY 24V ARDMAT
R2 10-0499 RELAY 24V ARDMAT
TR1 10-0495 ATC FROST TRANSFORMER
ITEM NO. PART NO. DESCRIPTION
CN1 10-0409 25 PIN MALE
CN2 - 25 PIN FEMALE
CN3 - 25 PIN MALE
CN4 10-0297 25 PIN FEMALE W/NUTS
CN5 10-0510 HOUSING-4 PIN MOLEX
10-0375 MALE PINS (4) MOLEX
CN6 10-0368 HOUSING-4 PIN MOLEX
10-0372 FEMALE PINS (4) MOLEX
CN7 10-0298 9 PIN MALE W/NUTS
CN8 10-1554 LINAK "T" CABLE
CN9 10-0701 HOUSING- 3 PIN MOLEX
10-0443 FEMALE PINS (3) MOLEX
CN10 10-0751 HOUSING- 3 PIN MOLEX
10-0442 MALE PINS (3) MOLEX
CN11 10-0357 HOUSING- 3 PIN MOLEX
10-0372 FEMALE PIN (3) MOLEX
CN12 10-0368 HOUSING- 4 PIN MOLEX
10-0372 FEMALE PIN (4) MOLEX
CN13 10-0751 HOUSING-3 PIN MOLEX
10-0442 MALE PINS (3) MOLEX
CN14 10-0508 HOUSING-3 PIN MOLEX
10-0375 MALE PINS (3) MOLEX
CN15 10-0510 HOUSING- 4 PIN MOLEX
10-0375 MALE PINS (4) MOLEX
CN16 10-1428 AC POWER CORD
CN17 10-1554 LINAK "T" CABLE
10-0372 FEMALE PINS (4) MOLEX
CN18 15-3715 HANDSET CONTR 3 POS
CN18 15-3716 HANDSET CONTR 4 POS
CN19 15-3715 9 PIN MALE
CN20 10-1554 9 PIN FEMALE
CN21 10-0356 HOUSING- 2 PIN MOLEX
10-0372 FEMALE PINS (2) MOLEX
CN22 10-0509 HOUSING- 2 PIN MOLEX
10-0375 MALE PINS (2) MOLEX
11 15-3716 HAND CONTROL- 4 POSITION
11 15-3715 HAND CONTROL- 3 POSITION
10 15-1088 POWER CABLE A.C.
9 15-2255 A.C. DUPLEX ASSEMBLY-115V.
8 10-1428 A.C. POWER CABLE
7 15-0104 COILED CABLE
6 10-1554 "T" CABLE -LINAK
5 15-0786 FOOT CONTROL-3 POSITION
5 15-0798 FOOT CONTROL-4 POSITION
4 10-4546 JUNCTION BOX W/MATRIX
3 15-1103 CB ELECT BOX- 115 V.
2 10-4561 CONTROL POWER 115V.
1 10-4560 LINAK CB20 CONTROL
ITEM PART NO. DESCRIPTION
16 10-4549 CABLE LOCK
15 10-4547 LINAK LA31 EXTENSION CABLE
14 15-1117 A.C. OUTLET EXTENSION CABLE
13 15-0830 HARNESS: AC 115/220 V.
12 15-1106 SAFETY SWITCH CABLE: CB11
PROPRIETARY AND CONFIDENTIAL
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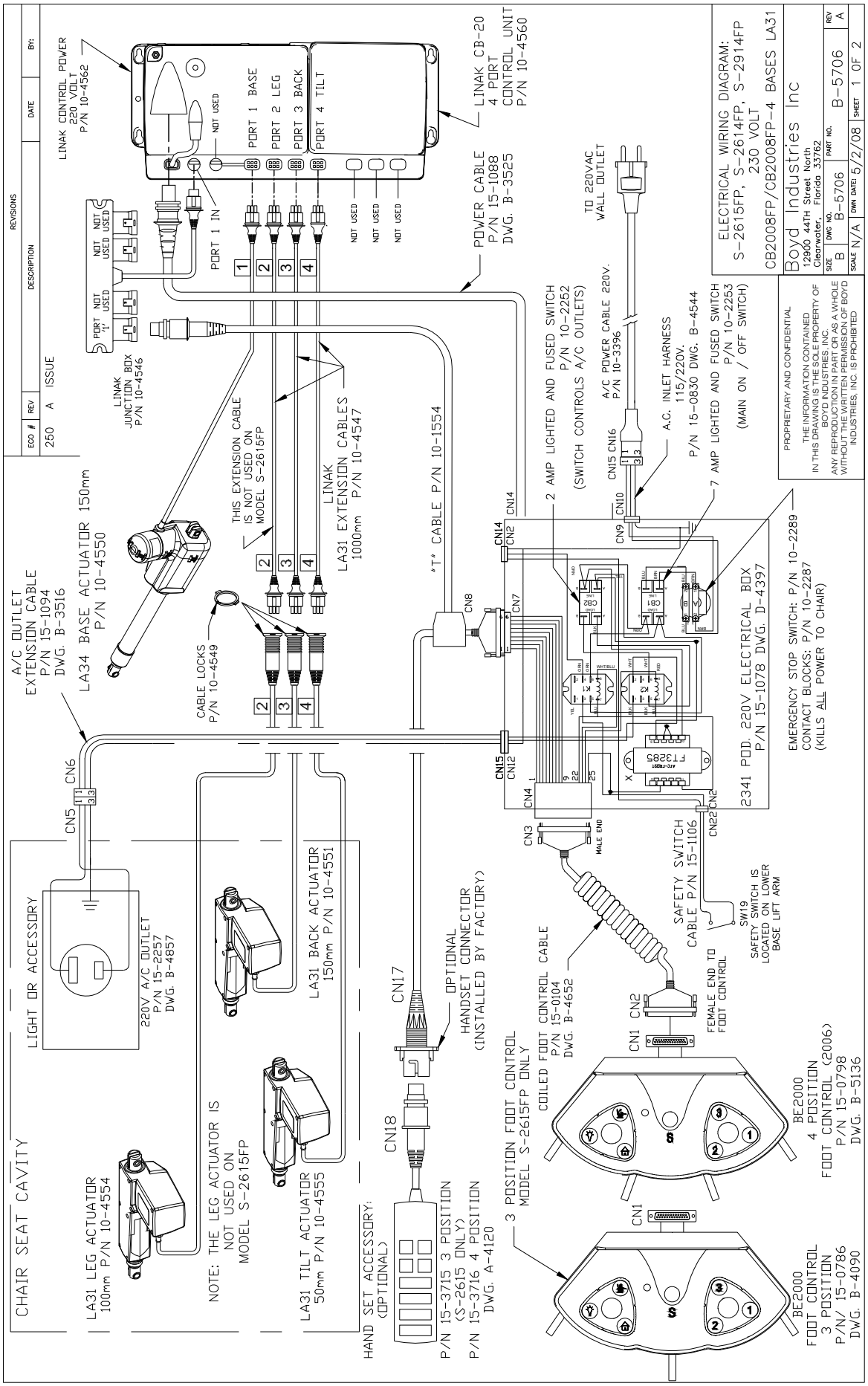
ELECTRICAL SCHEMATIC:
S-2615FP, S-2614FP, 2914FP 115VOLT
CB2008FP & CB2008FP-4 BASES LA31
Boyd Industries Inc
12900 44TH Street North
Clearwater, Florida 33762
SIZE B DWG NO. B-5703 PART NO. B-5703 REV A
SCALE N/A DWN DATE: 5/2/08 SHEET 2 OF 2


REVISIONS
ECO # | REV | DESCRIPTION | DATE | BY:
260 A ISSUE
LINAK CONTROL POWER 220 VOLT P/N 10-4562
LINAK CB-20 4 PORT CONTROL UNIT P/N 10-4560
NOT USED
PORT 1 BASE
PORT 2 LEG
PORT 3 BACK
PORT 4 TILT
PORT 1 IN
POWER CABLE P/N 15-1088 DWG. B-3525
LINAK JUNCTION BOX P/N 10-4546
TO 220VAC WALL OUTLET
A/C POWER CABLE 220V. P/N 10-3396
A.C. INLET HARNESS 115/220V. P/N 15-0830 DWG. B-4544
7 AMP LIGHTED AND FUSED SWITCH P/N 10-2253 (MAIN ON / OFF SWITCH)
2 AMP LIGHTED AND FUSED SWITCH P/N 10-2252 (SWITCH CONTROLS A/C OUTLETS)
THIS EXTENSION CABLE IS NOT USED ON MODEL S-2615FP
LINAK LA31 EXTENSION CABLES 1000mm P/N 10-4547
"T" CABLE P/N 10-1554
CABLE LOCKS P/N 10-4549
A/C OUTLET EXTENSION CABLE P/N 15-1094 DWG. B-3516
LA34 BASE ACTUATOR 150mm P/N 10-4550
2341 POD. 220V ELECTRICAL BOX P/N 15-1078 DWG. D-4397
EMERGENCY STOP SWITCH: P/N 10-2289
CONTACT BLOCKS: P/N 10-2287
(KILLS ALL POWER TO CHAIR)
CHAIR SEAT CAVITY
LIGHT OR ACCESSORY
220V A/C OUTLET P/N 15-2257 DWG. B-4857
LA31 LEG ACTUATOR 100mm P/N 10-4554
LA31 BACK ACTUATOR 150mm P/N 10-4551
LA31 TILT ACTUATOR 50mm P/N 10-4555
NOTE: THE LEG ACTUATOR IS NOT USED ON MODEL S-2615FP
OPTIONAL HANDSET CONNECTOR (INSTALLED BY FACTORY)
HAND SET ACCESSORY: (OPTIONAL)
P/N 15-3715 3 POSITION (S-2615 ONLY)
P/N 15-3716 4 POSITION DWG. A-4120
3 POSITION FOOT CONTROL MODEL S-2615FP ONLY
COILED FOOT CONTROL CABLE P/N 15-0104 DWG. B-4652
FEMALE END TO FOOT CONTROL
SAFETY SWITCH CABLE P/N 15-1106
SW19 SAFETY SWITCH IS LOCATED ON LOWER BASE LIFT ARM
BE2000 FOOT CONTROL 3 POSITION P/N/ 15-0786 DWG. B-4090
BE2000 4 POSITION FOOT CONTROL (2006) P/N 15-0798 DWG. B-5136
PROPRIETARY AND CONFIDENTIAL
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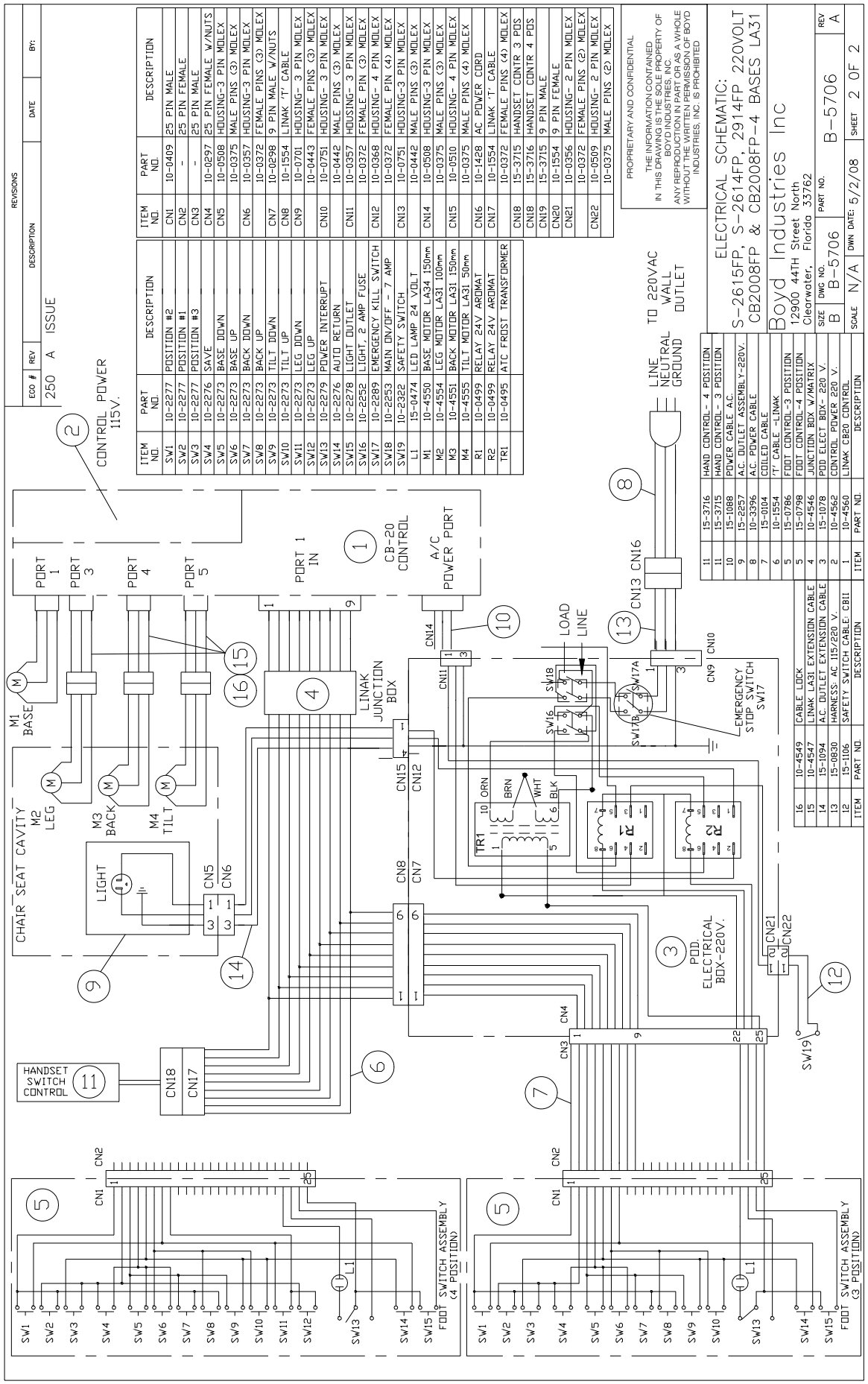
ELECTRICAL WIRING DIAGRAM: S-2615FP, S-2614FP, S-2914FP 230 VOLT CB2008FP/CB2008FP-4 BASES LA31
Boyd Industries Inc
12900 44TH Street North
Clearwater, Florida 33762
SIZE B | DWG NO. B-5706 | PART NO. B-5706 | REV A
SCALE N/A | DWN DATE: 5/2/08 | SHEET 1 OF 2



ITEM NO.	PART NO.	DESCRIPTION
SW1	10-2277	POSITION #2
SW2	10-2277	POSITION #1
SW3	10-2277	POSITION #3
SW4	10-2276	SAVE
SW5	10-2273	BASE DOWN
SW6	10-2273	BASE UP
SW7	10-2273	BACK DOWN
SW8	10-2273	BACK UP
SW9	10-2273	TILT DOWN
SW10	10-2273	TILT UP
SW11	10-2273	LEG DOWN
SW12	10-2273	LEG UP
SW13	10-2279	POWER INTERRUPT
SW14	10-2276	AUTO RETURN
SW15	10-2278	LIGHT OUTLET
SW16	10-2252	LIGHT, 2 AMP FUSE
SW17	10-2289	EMERGENCY KILL SWITCH
SW18	10-2253	MAIN ON/OFF - 7 AMP
SW19	10-2322	SAFETY SWITCH
L1	15-0474	LED LAMP 24 VOLT
M1	10-4550	BASE MOTOR LA34 150mm
M2	10-4554	LEG MOTOR LA31 100mm
M3	10-4551	BACK MOTOR LA31 150mm
M4	10-4555	TILT MOTOR LA31 50mm
R1	10-0499	RELAY 24V AROMAT
R2	10-0499	RELAY 24V AROMAT
TR1	10-0495	ATC FROST TRANSFORMER

ITEM NO.	PART NO.	DESCRIPTION
CN1	10-0409	25 PIN MALE
CN2	-	25 PIN FEMALE
CN3	-	25 PIN MALE
CN4	10-0297	25 PIN FEMALE W/NUTS
CN5	10-0508	HOUSING-3 PIN MOLEX
	10-0375	MALE PINS (3) MOLEX
CN6	10-0357	HOUSING-3 PIN MOLEX
	10-0372	FEMALE PINS (3) MOLEX
CN7	10-0298	9 PIN MALE W/NUTS
CN8	10-1554	LINAK 'T' CABLE
CN9	10-0701	HOUSING- 3 PIN MOLEX
	10-0443	FEMALE PINS (3) MOLEX
CN10	10-0751	HOUSING- 3 PIN MOLEX
	10-0442	MALE PINS (3) MOLEX
CN11	10-0357	HOUSING- 3 PIN MOLEX
	10-0372	FEMALE PIN (3) MOLEX
CN12	10-0368	HOUSING- 4 PIN MOLEX
	10-0372	FEMALE PIN (4) MOLEX
CN13	10-0751	HOUSING-3 PIN MOLEX
	10-0442	MALE PINS (3) MOLEX
CN14	10-0508	HOUSING-3 PIN MOLEX
	10-0375	MALE PINS (3) MOLEX
CN15	10-0510	HOUSING- 4 PIN MOLEX
	10-0375	MALE PINS (4) MOLEX
CN16	10-1428	AC POWER CORD
CN17	10-1554	LINAK 'T' CABLE
	10-0372	FEMALE PINS (4) MOLEX
CN18	15-3715	HANDSET CONTR 3 PDS
CN18	15-3716	HANDSET CONTR 4 PDS
CN19	15-3715	9 PIN MALE
CN20	10-1554	9 PIN FEMALE
CN21	10-0356	HOUSING- 2 PIN MOLEX
	10-0372	FEMALE PINS (2) MOLEX
CN22	10-0509	HOUSING- 2 PIN MOLEX
	10-0375	MALE PINS (2) MOLEX

ITEM	PART NO.	DESCRIPTION
16	10-4549	CABLE LOCK
15	10-4547	LINAK LA31 EXTENSION CABLE
14	15-1094	A.C. OUTLET EXTENSION CABLE
13	15-0830	HARNESS AC 115/220 V
12	15-1106	SAFETY SWITCH CABLE- CB11

ITEM	PART NO.	DESCRIPTION
11	15-3716	HAND CONTROL- 4 POSITION
11	15-3715	HAND CONTROL- 3 POSITION
10	15-1088	POWER CABLE A.C.
9	15-2257	A.C. OUTLET ASSEMBLY-220V.
8	10-3396	A.C. POWER CABLE
7	15-0104	COILED CABLE
6	10-1554	'T' CABLE -LINAK
5	15-0786	FOOT CONTROL-3 POSITION
5	15-0798	FOOT CONTROL-4 POSITION
4	10-4546	JUNCTION BOX W/MATRIX
3	15-1078	POD ELECT BOX- 220 V.
2	10-4562	CONTROL POWER 220 V.
1	10-4560	LINAK CB20 CONTROL

PARTS BREAKDOWN: S-2615/S-2615FP THIN BACK CHAIR FRAME
P/N 95-2615-TB 115 VOLT
P/N 95-2615-TB 230 230 VOLT
REF. DRAWING B-5824

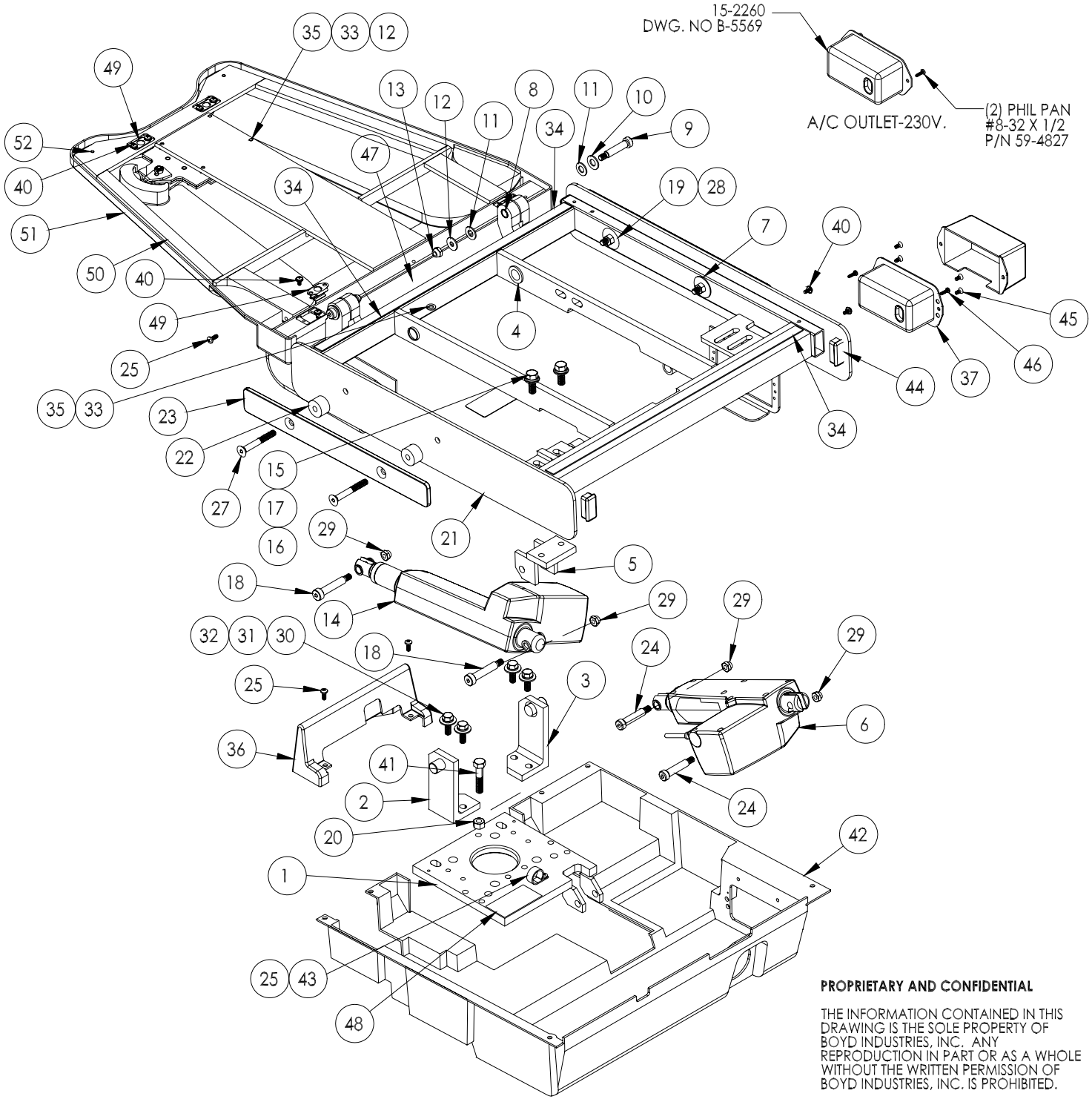

15-2260
DWG. NO B-5569
A/C OUTLET-230V.
(2) PHIL PAN
#8-32 X 1/2
P/N 59-4827
PROPRIETARY AND CONFIDENTIAL
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FIG 46

PARTS BREAKDOWN: S-2615/S-2615FP THIN BACK CHAIR FRAME
P/N 95-2615-TB 115 VOLT
P/N 95-2615-TB 230 230 VOLT
REF. DRAWING B-5824

52	59-4876		PHIL PAN 10-24 X .375 w-STARWASHER	2
51	50-0940	D-5808	COVER 2614 THIN BACK	1
50	91-1856	B-5807	WELDMENT 2615 THIN BACK FRAME	1
49	60-3164	A-5801	SPRING CLIP	4
48	60-1408	A-5589	LABEL, CHAIR I.D.	1
47	59-4818		PHIL PAN 10-24 X .50 TYPE 'F'	13
46	59-4827		PHIL PAN 8-32 X .50	2
45	59-4841		PHIL FLAT 8-32 X .375	4
44	50-2194		TUBE CAP .75 X 1.5	4
43	10-3529		CABLE CLIP, SCR MOUNT .75	1
42	50-0921	D-5669	COVER SEAT 2615 LA31	1
41	59-1866		HEX HD .375-16 X 2.25	1
40	59-4876		PHIL PAN 8-32 X .375 W-LKWASHER	10
39	93-1411	A-5568	BACKING PLATE, AC DUPLEX 2615 LA31	1
38	50-2147		SPACER, NYLON .75 X .510 X .70	2
37	15-2259	B-5489	ASSEMBLY AC OUTLET 2615 115V. LA31	1
36	50-0931	B-5696	COVER, REAR 2615 LA31	1
35	59-4835		PHIL PAN .25-20 X .50	4
34	55-0311		VELCRO HOOK TAPE 1 inch	2
33	59-7065		LOCKWASHER .25 HEL SPRING	4
32	59-7061		WASHER, FLAT .312	4
31	59-7066		LOCKWASHER .312 HEL SPRING	4
30	59-1850		HEX HD .312-18 X 1	4
29	59-2023		HEX NYLOK - M8	4
28	59-2020		HEX NUT .312-18	4
27	59-3911		SOC FLT .312-18 X 2.25 S.S.	4
26	95-1425	B-5845	ASSEMBLY HR MECH THIN BACK	1
25	59-4839		PHIL PAN 10-24 X .50	6
24	59-1959		SHOULD SCR 10mm X 40mm	2
23	93-6155	B-0627	RAIL BACK 14.00	2
22	90-0992		RAIL SPACER	4
21	91-6198	A-5881	SIDE PANEL	2
20	59-2025		HEX NUT .375-16	1
19	59-7049		WASHER, FENDER .312 X 1.25	4
18	59-1984		SHOULD SCR 10mm X 45mm	2
17	59-7067		LOCKWASHER .375	2
16	59-7062		WASHER, FLAT .375	2
15	59-1860		HEX HD .375-16 X 1	2
14	10-4551		LA31-150mm ASSEMBLY CB BACK	1
13	59-2018		HEX NUT .312-18 NYLOK THIN	2
12	59-7060		WASHER, FLAT .25	4
11	50-2176		WASHER, NYL .75 X .3790 X .063	4
10	59-7059		WASHER, FLAT .375 SAE	2
9	59-1962		SHOULD SCR .375 X 1.50	2
8	60-3763		BRONZE BUSHING .50 X .375 X .625	4
7	91-1022	C-5473	WELDMENT 2615 SEAT FRAME	1
6	10-4555		LA31-50mm ASSEMBLY	1
5	91-1043	A-5486	WELDMENT, BK MTR MOUNT- LA31	1
4	60-3750		BUSHING, BRONZE .FLANGED .627 X .753 X .50	2
3	91-1045L	B-5485	WELDMENT TILT ANGLE L.-LA31	1
2	91-1045R	B-5485	WELDMENT TILT ANGLE R.-LA31	1
1	91-1040	B-5481	WELDMENT 2615 TILT PLATE- LA31	1
ITEM	PART NO	DWG NO	DESCRIPTION	QTY

PARTS BREAKDOWN: S-2614/S-2614FP THIN BACK CHAIR FRAME
P/N 95-2614-TB 115 VOLT
P/N 95-2614-TB 230 230 VOLT
REF. DRAWING B-5825

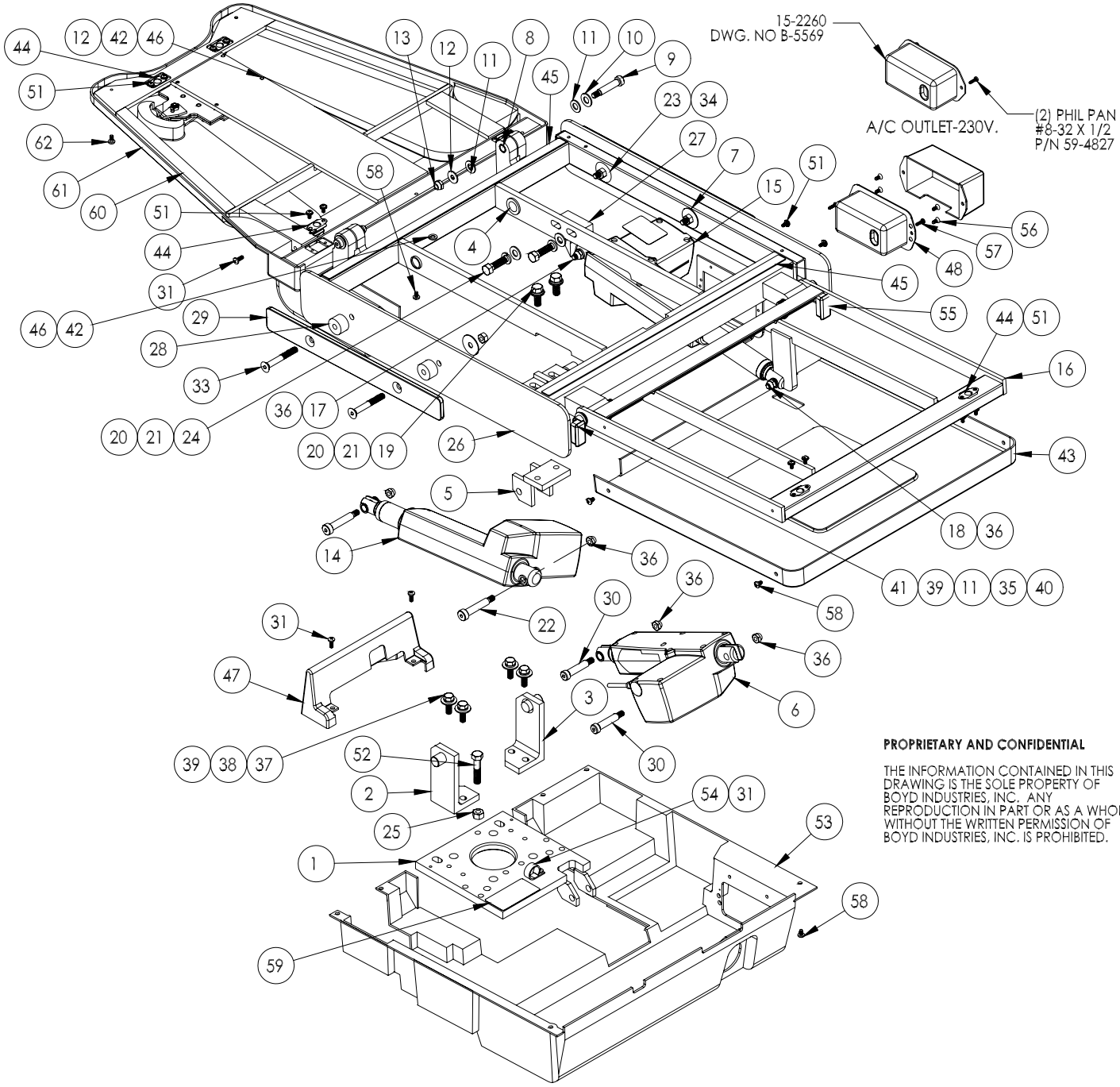
15-2260
DWG. NO B-5569
A/C OUTLET-230V.
(2) PHIL PAN
#8-32 X 1/2
P/N 59-4827
PROPRIETARY AND CONFIDENTIAL
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FIG 48

PARTS BREAKDOWN: S-2614/S-2614FP THIN BACK CHAIR FRAME
P/N 95-2614-TB 115 VOLT
P/N 95-2614-TB 230 230 VOLT
REF. DRAWING B-5825

62	59-4876		PHIL PAN 10-24 X .375 w-STARWASHER	2
61	50-0940	D-5808	COVER 2614 THIN BACK	1
60	91-1856	B-5807	WELDMENT 2615 THIN BACK FRAME	1
59	60-1408	A-5589	LABEL, CHAIR I.D.	1
58	59-4818		PHIL PAN 10-24 X .50 TYPE 'F'	17
57	59-4827		PHIL PAN 8-32 X .50	2
56	59-4841		PHIL FLAT 8-32 X .375	4
55	50-2194		TUBE CAP .75 X 1.5	4
54	10-3529		CABLE CLIP, SCR MOUNT .75	1
53	50-0921	D-5669	COVER SEAT 2615 LA31	1
52	59-1866		HEX HD .375-16 X 2.25	1
51	59-4876		PHIL PAN 8-32 X .375 W-LKWASHER	14
50	93-1411	A-5568	BACKING PLATE, AC DUPLEX 2615 LA31	1
49	50-2147		SPACER, NYLON .75 X .510 X .70	2
48	15-2259	B-5489	ASSEMBLY AC OUTLET 2615 115V. LA31	1
47	50-0931	B-5696	COVER, REAR 2615 LA31	1
46	59-4835		PHIL PAN .25-20 X .50	4
45	55-0311		VELCRO HOOK TAPE 1 inch	2
44	60-3164	A-5801	SPRING CLIP	6
43	50-0930	D-5695	COVER, 2614 & 2914 LEG FRAME	1
42	59-7065		LOCKWASHER .25 HEL SPRING	4
41	59-3923		SOC HD .375-16 X 2.5	2
40	50-2184		BUSHING NYLON FLANGED .375 X .25	2
39	59-7061		WASHER, FLAT .312	6
38	59-7066		LOCKWASHER .312 HEL SPRING	4
37	59-1850		HEX HD .312-18 X 1	4
36	59-2023		HEX NYLOK - M8	6
35	59-2027		HEX NUT .375-16 NYLOK	2
34	59-2020		HEX NUT .312-18	4
33	59-3911		SOC FLT .312-18 X 2.25 S.S.	4
32	95-1425	B-5845	ASSEMBLY HR MECH THIN BACK	1
31	59-4839		PHIL PAN 10-24 X .50	6
30	59-1959		SHOULD SCR 10mm X 40mm	2
29	93-6155	B-0627	RAIL BACK 14.00	2
28	90-0992		RAIL SPACER	4
27	91-1042	A-5484	MOTOR MNT LEG-LINAK LA31	1
26	91-6198	A-5881	SIDE PANEL	2
25	59-2025		HEX NUT .375-16	1
24	59-1861		HEX HD .375-16 X 1.25	2
23	59-7049		WASHER, FENDER .312 X 1.25	4
22	59-1984		SHOULD SCR 10mm X 45mm	2
21	59-7067		LOCKWASHER .375	4
20	59-7062		WASHER, FLAT .375	4
19	59-1860		HEX HD .375-16 X 1	2
18	59-1960		SHOULD SCR 10mm X 25mm	1
17	59-1963		SHOULD SCR 10mm X 30mm	1
16	91-1038	C-5477	WELDMENT 2610 LEG FRAME- LA31	1
15	10-4554		LA31-100mm ASSEMBLY-LEG	1
14	10-4551		LA31-150mm ASSEMBLY CB BACK	1
13	59-2018		HEX NUT .312-18 NYLOK THIN	2
12	59-7060		WASHER, FLAT .25	4
11	50-2176		WASHER, NYL .75 X .3790 X .063	6
10	59-7059		WASHER, FLAT .375 SAE	2
9	59-1962		SHOULD SCR .375 X 1.50	2
8	60-3763		BRONZE BUSHING .50 X .375 X .625	4
7	91-1023	C-5473	WELDMENT 2614 SEAT FR- LA31	1
6	10-4555		LA31-50mm ASSEMBLY	1
5	91-1043	A-5486	WELDMENT, BK MTR MOUNT- LA31	1
4	60-3750		BUSHING, BRONZE .FLANGED .627 X .753 X .50	2
3	91-1045L	B-5485	WELDMENT TILT ANGLE L.-LA31	1
2	91-1045R	B-5485	WELDMENT TILT ANGLE R.-LA31	1
1	91-1040	B-5481	WELDMENT 2615 TILT PLATE- LA31	1
ITEM	PART NO	DWG NO	DESCRIPTION	QTY

PARTS BREAKDOWN: S-2614/S-2614FP THIN BACK CHAIR FRAMES

P/N 95-2628 S2615 CHAIR FRAME WITH ARM MOUNTS 115 VOLT
P/N 95-2628-230 S2615 CHAIR FRAME WITH ARM MOUNTS 230 VOLT
P/N 95-2629 S2614 CHAIR FRAME WITH ARM MOUNTS 115 VOLT
P/N 95-2629-230 S2614 CHAIR FRAME WITH ARM MOUNTS 230 VOLT

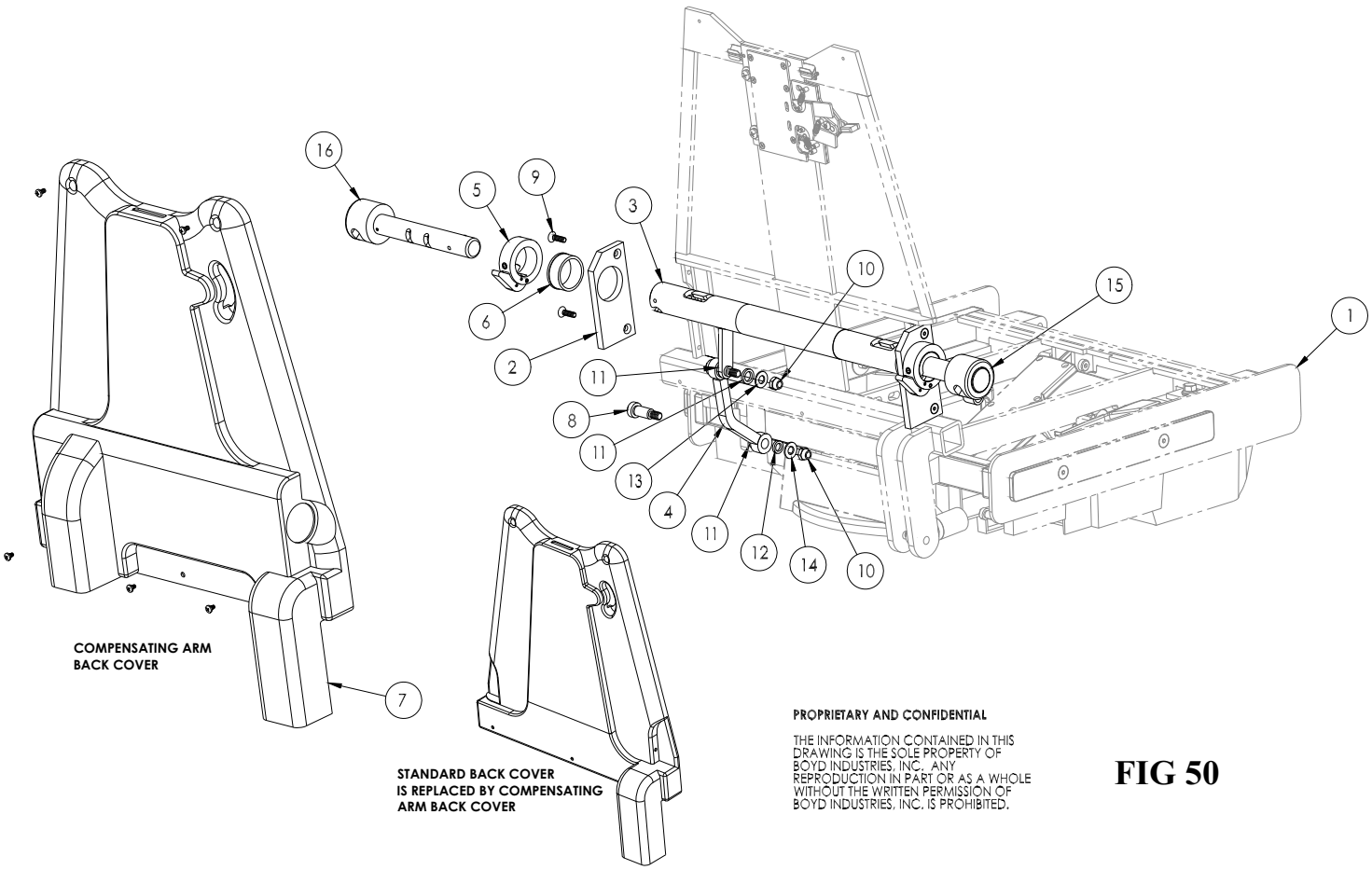

FIG 50

ITEM	PART NO	DWG NO	DESCRIPTION	QTY
16	95-9042L	A-5843	ASSEMBLY ARM HOLDER R.H.	1
15	95-9042R	A-5843	ASSEMBLY ARM HOLDER R.H.	1
14	59-7062		WASHER, FLAT .375	1
13	59-7059		WASHER, FLAT .375 SAE	1
12	50-2163		WASHER, NYL .625 X .406 X .120	1
11	50-2172		WASHER, NYL .74 X .50 X 125	4
10	59-2027		HEX NUT .375-16 NYLOK	2
9	59-3944		SOC FLT .25-20 X .875	4
8	59-1971		SHOULD SCR .5 X 1.00	1
7	50-0941	D-5829	COVER 2614 THIN BACK	1
6	90-1865	A-5822	BUSHING, FLANGED 1.490 X .75	2
5	95-9042	A-5849	ASSEMBLY ARM ROD RELEASE	2
4	91-1870	B-5819	WELDMENT ARM CONNECTING LINK	1
3	93-1869	B-5815	WELDMENT, ARM TUBE-THIN BACK	1
2	91-1864	A-5814	MOUNT BAR: 2614/15 THIN BACK FR	2
1	95-2614-TB-230	B-5825	ASSEMBLY: 2614 THIN BACK CHAIR FR 230V.	1
1	95-2615-TB-230	B-5824	ASSEMBLY: 2615 THIN BACK CHAIR FR 230V.	1
1	95-2614-TB	B-5825	ASSEMBLY: 2614 THIN BACK CHAIR FR 115V.	1
1	95-2615-TB	B-5824	ASSEMBLY: 2615 THIN BACK CHAIR FRAME	1

PARTS BREAKDOWN: S-2914/S-2914FP CHAIR
P/N 95-2914-LA31 115 VOLT
P/N 95-2914-LA31230 230 VOLT
REF. DRAWING B-5472

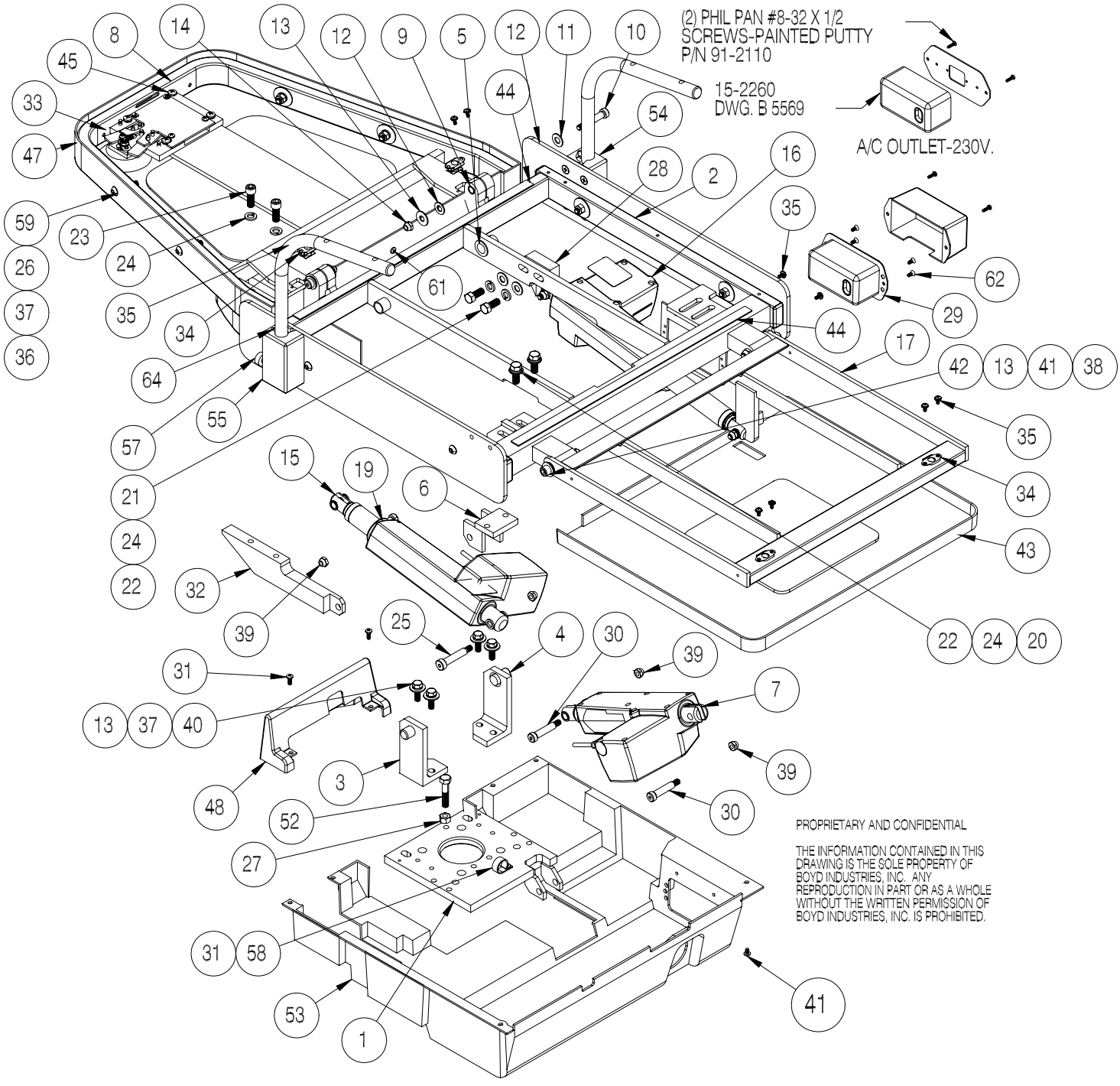
(2) PHIL PAN #8-32 X 1/2
SCREWS-PAINTED PUTTY
P/N 91-2110
15-2260
DWG. B 5569
A/C OUTLET-230V.
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FIG 51

PARTS BREAKDOWN: S-2914/S-2914FP CHAIR
P/N 95-2914-LA31 115 VOLT
P/N 95-2914-LA31230 230 VOLT
REF. DRAWING B-5472

64	59-8050		COILED PIN .25 X 1	2
63	59-4827		PHIL PAN 8-32 X .50	2
62	59-4841		PHIL FLAT 8-32 X .375	4
61	50-2194		TUBE CAP .75 X 1.5	4
60	59-3865		BUT HD .312-18 X 1.5 S.S.	8
59	10-3529		CABLE CLIP, SCR MOUNT .75	1
58	91-9215P		PLUNGER, RETRACTABLE PUTTY	2
57	59-4830		PHIL FLAT .25-20 X .75	4
56	91-3137	B-2187	BLOCK, SWING LOCK ARM R.H.	1
55	91-3136	B-2187	BLOCK, SWING LOCK ARM L.H.	1
54	50-0922	D-5669	COVER SEAT 2914 LA31	1
53	59-1866		HEX HD .375-16 X 2.25	1
52	90-3133	B-2189	ARM, SWING LOCK	2
51	59-4876		PHIL PAN 8-32 X .375 W-LKWASHER	10
50	93-1411	A-5568	BACKING PLATE, AC DUPLEX 2615 LA31	1
49	91-3317	B-4375	SIDE PANEL 2910	2
48	15-2259	B-5489	ASSEMBLY AC OUTLET 2615 115V. LA31	1
47	91-1055	B-5494	WELDMENT 2615 BACK FR- LA31	1
46	50-0931	B-5696	COVER, REAR 2615 LA31	1
45	50-0920	D-5667	COVER, BACK FRAME 2615 LA31	1
44	59-4831		PHIL PAN .25-20 X .75	4
43	55-0311		VELCRO HOOK TAPE 1 inch	2
42	50-0930	D-5695	COVER, 2614 & 2914 LEG FRAME	1
41	59-4818		PHIL PAN 10-24 X .50 TYPE 'F'	7
40	59-7065		LOCKWASHER .25 HEL SPRING	4
39	59-3923		SOC HD .375-16 X 2.5	2
38	50-2184		BUSHING NYLON FLANGED .375 X .25	2
37	59-1850		HEX HD .312-18 X 1	4
36	59-2023		HEX NYLOK - M8	6
35	59-2027		HEX NUT .375-16 NYLOK	2
34	59-7066		LOCKWASHER .312 HEL SPRING	8
33	59-2020		HEX NUT .312-18	8
32	60-3164		SPRING CLIP	4
31	95-1400	B-5663	ASSEMBLY HR MECH 2008 (KNOB)	1
30	93-1039	B-5480	ACTUATOR TAB, BACK FRAMES	1
29	59-4839		PHIL PAN 10-24 X .50	4
28	59-1959		SHOULD SCR 10mm X 40mm	2
27	91-1042	A-5484	MOTOR MNT LEG-LINAK LA31	1
26	59-2025		HEX NUT .375-16	1
25	59-1861		HEX HD .375-16 X 1.25	2
24	59-7049		WASHER, FENDER .312 X 1.25	8
23	59-1984		SHOULD SCR 10mm X 45mm	1
22	59-7067		LOCKWASHER .375	6
21	59-3920		SOC HD .375-16 X 1	2
20	59-7062		WASHER, FLAT .375	4
19	59-1860		HEX HD .375-16 X 1	2
18	91-1043	A-5486	WELDMENT, BK MTR MOUNT- LA31	1
17	59-1960		SHOULD SCR 10mm X 25mm	2
16	59-1963		SHOULD SCR 10mm X 30mm	1
15	91-1038	C-5477	WELDMENT 2610 LEG FRAME- LA31	1
14	10-4554		LA31-100mm ASSEMBLY-LEG	1
13	10-4551		LA31-150mm ASSEMBLY CB BACK	1
12	59-2018		HEX NUT .312-18 NYLOK THIN	2
11	59-7061		WASHER, FLAT .312	8
10	59-2176		WASHER, NYL .75 X .3790 X .063	6
9	59-7059		WASHER, FLAT .375 SAE	2
8	59-1962		SHOULD SCR .375 X 1.50	2
7	60-3763		BRONZE BUSHING .50 X .375 X .625	4
6	10-4555		LA31-50mm ASSEMBLY	1
5	60-3750		BUSHING, BRONZE .FLANGED .627 X .753 X .50	2
4	91-1045L	B-5485	WELDMENT TILT ANGLE L.-LA31	1
3	91-1045R	B-5485	WELDMENT TILT ANGLE R.-LA31	1
2	91-1530	C-5492	WELDMENT 2914 SEAT FRAME	1
1	91-1040	B-5481	WELDMENT 2615 TILT PLATE- LA31	1
ITEM	PART NO	DWG NO	DESCRIPTION	QTY

PARTS BREAKDOWN: CB-2008 BASE
P/N 68-2320 115 VOLT P/N 68-2321 230 VOLT
REF. DRAWING B-5605

FIG 53-A

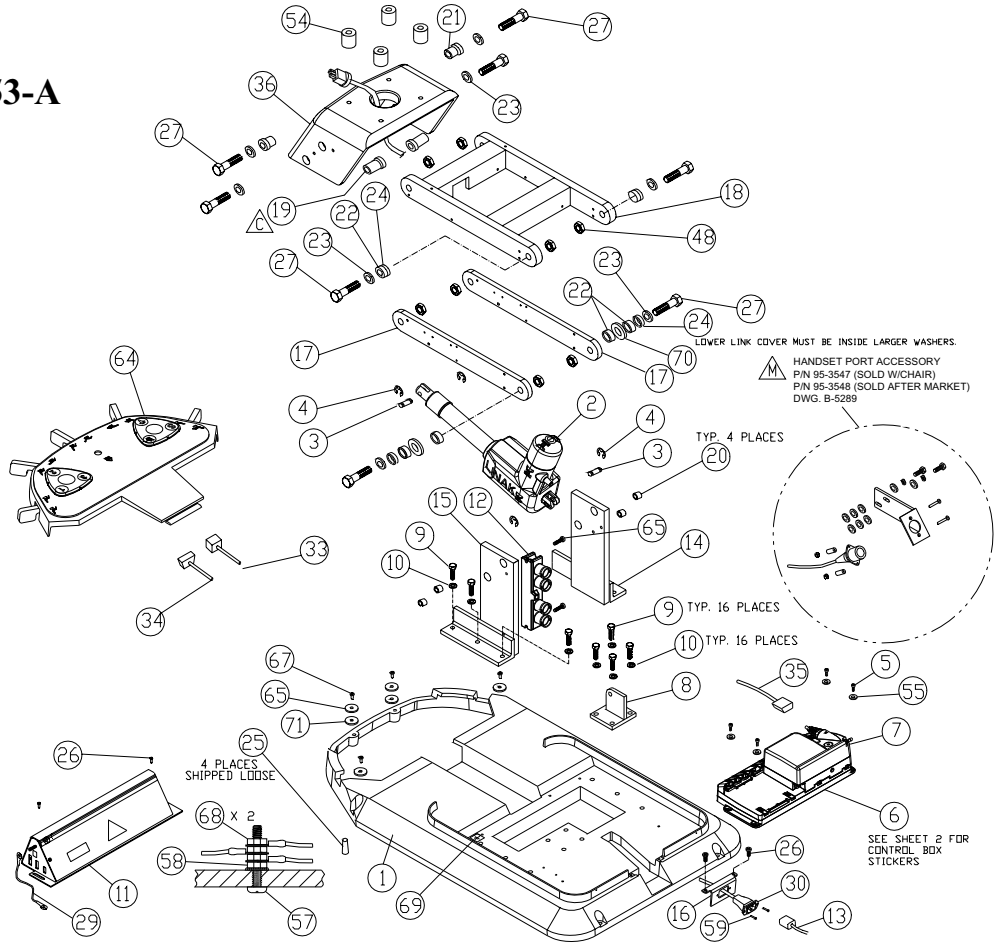
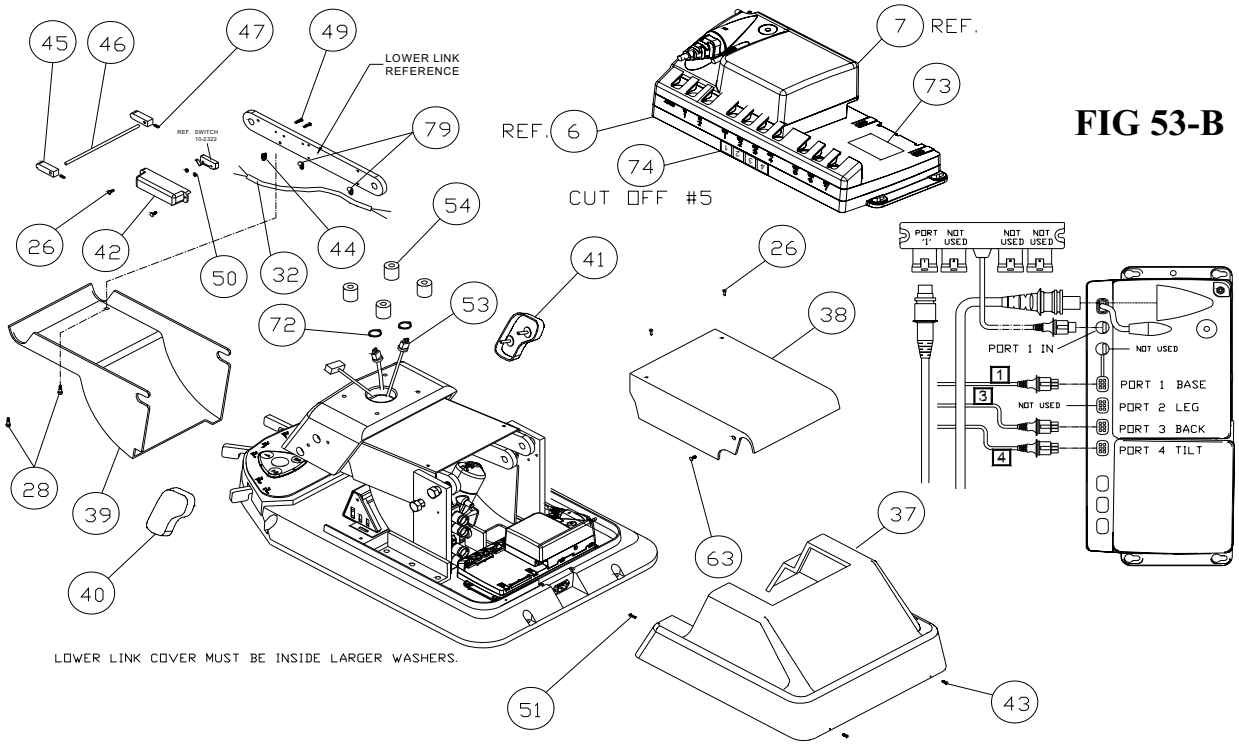

LOWER LINK COVER MUST BE INSIDE LARGER WASHERS.
HANDSET PORT ACCESSORY
P/N 95-3547 (SOLD W/CHAIR)
P/N 95-3548 (SOLD AFTER MARKET)
DWG. B-5289
TYP. 4 PLACES
TYP. 16 PLACES
TYP. 16 PLACES
4 PLACES SHIPPED LOOSE
X 2
SEE SHEET 2 FOR CONTROL BOX STICKERS

FIG 53-B



* FOR 220 VOLT UNITS

Feb 2, 2009

PARTS BREAKDOWN: CB-2008 BASE
P/N 68-2320 115 VOLT P/N 68-2321 230 VOLT
REF. DRAWING B-5605

* DENOTES USAGE FOR 230 VOLT CHAIR ONLY

	ITEM	QTY	PART#	DWG#	DESCRIPTION
	33	1	10-1554	A-4084	CABLE: LINAK 'T' 0015413
	32	1	15-1106	B-3515	SAFETY CABLE: CB-II
	31				
	30	1	15-0830	B-4544	HARNESS: A/C INLET- CB2.1 BASES
	29	1	15-0114	A-3530	GROUNDING CABLE, 5-1/4"
	28	2	59-1985		SCR: SHOULDER 1/4 x 3/8 S.S.
	27	2	59-1880		SCR: HEX HEAD 5/8-18 x 2 1/2 GR8
	26	8	59-4818		SCR:PHILL PAN HEAD #10-24 x 1/2 TYPE 'F'
	25	4	59-1769		ANCHOR: 5/16 x 2 1/2
	24	4	50-2170		SPACER: NYLON 5/8 X 7/8 X 1/8
	23	8	50-2182		WASHER: NYLON
	22	4	50-2186		WASHER: NYL .995X.635X.25
	21	2	60-3748		BUSHING: FLANGED 5/8 X 7/8
	20	4	60-3707		BEARING: NEEDLE (B-108)
	19	2	60-3746		BUSHING: FLANGED 5/8 X 1-1/4
	18	1	91-1586	D-3566	WELDMENT: UPPER LINK CB-II (P)
	17	2	91-1585	C-3572	LINK: LOWER CB-II (P)
	16	1	91-0902	A-4522	BRACKET: A/C INLET CB2.1 BASES
	15	1	91-1980	B-4548	UPRIGHT WELDMENT R. FOR DJB BOX
	14	1	91-1709	B-4548	UPRIGHT WELDMENT, LEFTHAND FOR BRKT
*	13	1	10-3396	---	POWER CORD: 230 VOLT
	13	1	10-1428	B-4607	POWER CORD: 115 VOLT
	12	1	10-4546		LINAK DJB BOX W/MATRIX
*	11	1	15-1097	D-3519	ELECT BOX: CB-II 230 VOLT
	11	1	15-1103	D-3505	ELECT BOX: CB-II 115 VOLT
	10	10	59-7067		WASHER: LOCK 3/8"
	9	10	59-1861		SCR: HEX HD 3/8-16 x 1 1/4 GR5
	8	1	91-0903	B-4524	WELDMENT: MOTOR MOUNT CB2.1 (P)
*	7	1	10-4562	B-5314	CONTROL POWER: 220V
	7	1	10-4561	B-5314	CONTROL POWER: 115V
	6	1	10-4560	B-5314	CONTROL BOX: LINAK CB-20 4 PORTS
	5	4	59-4827		PHIL PAN: #8-32 X 1/2
	4	4	60-3162		CLIP: 'E' STYLE 3/8
	3	2	90-1653	A-3604	PIN: LINAK LA-34 MOTOR
	2	1	10-4550	B-5314	MOTOR: LA-34 150mm COMPACT HOUSING
	1	1	91-0861	D-4518	CB2.1 BASE: MACHINED (P)

	ITEM	QTY	PART#	DWG#	DESCRIPTION
	79	2	10-3417		CABLE CLAMP: NYLON 5/8"
	78	1	60-1450-4	B-3511	MARKER: CABLE WHITE
	77	1	60-1450-3	B-3511	MARKER: CABLE YELLOW
	76				
	75	1	60-1450-1	B-3511	MARKER: CABLE RED
	74	1	60-1450	A-4714	LABEL: COLOR CODING
	73	1	60-1451	A-5617	LABEL: CB-20 CONTROL BOX I.D.
	72	2	10-4549		CABLE LOCK: LINAK LA31
	71	2	50-2175		WASHER: NYL 3/4 X 3/8 X .20
	70	2	50-2156		WASHER: 11/16 X 1.5 X .125
	69	1	60-1688		DECAL: EARTH GROUND
	68	3	59-2012		NUT: HEX, 10-24
	67	4	59-4845	--	PHIL PAN: #6-32 x 1/2
	66	4	55-0315	--	FASTENER: MUSHROOM 3M #SJ3463
	65	2	59-4875		PHIL PAN 10-24 X 3/4
	64	1	15-0797	B-5135	FOOT CONTROL ASSY: (2006) CB2002
	63	2	59-4828		PHIL FLAT: 10-24 X 1/2 "F"
	62				
	61				
	60				
	59	2	59-4798	--	PHIL PAN: #6-32 x 3/4 TYPE 'F'
	58	1	59-2007		NUT: 10-24 W/ STARWASHER
	57	1	59-4821		PHIL PAN 10-24 X 1-1/2
	56				
	55	4	59-7056		WASHER: FLAT 3/16
	54	4	91-0761	A-3835	SPACER: TILT FRAME
	53	2	10-4547		CABLE: EXTENSION 1000mm - LA-31 MOTOR
*	52	1	15-1094	B-3516	EXTENSION CABLE: A/C OUTLET CB-II 230V
	52	1	15-1117	B-3508	EXTENSION CABLE: A/C OUTLET CB-II 115V
	51	2	59-4819		SCREW - PHIL PAN: 10-24 X 3/4 "F"
	50				
	49	2	59-4894		SCREW - PHIL PAN: 6-32 X 1 1/4
	48	8	59-2030		NUT - HEX: 5/8-18 NYLOCK THIN
	47	2	59-5983		SCR: SET #10-24 x 3/16
	46	1	90-1579	A-3623	ROD: SAFETY MECH. CB-II
	45	2	90-1578	A-3624	LEVER: SAFETY MECH CB-II
	44	2	60-1628		SPRING: COMP. .25 O.D. x .8
	43	2	59-4789		SCR: PAN HD PHILLIPS #6 X 1/2 'F'
	42	1	50-1520	B-3639	COVER: CB-II SAFETY SWITCH
	41	1	50-1530	B-3622	COVER ASSY: SEAT MOUNT BOLT - L
	40	1	50-1529	B-3622	COVER ASSY: SEAT MOUNT BOLT - R
	39	1	50-1506	C-3273	COVER: BASE LOWER LINK CB-II
	38	1	50-1505	D-3272	COVER: BASE UPPER LINK CB-II
	37	1	50-1504	D-3271	COVER: BASE CB-II
	36	1	91-0601	D-3147	SEAT MOUNT: CAST CB-II (P)
	35	1	15-1088	B-3525	A/C POWER CABLE: CB-II
	34	1	15-1113	B-3511	A/C SWITCH CABLE: M-2000

PARTS BREAKDOWN: CB-2008-4 BASE
P/N 68-2322 115 VOLT P/N 68-2323 230 VOLT
REF. DRAWING B-5606

FIG 55-A

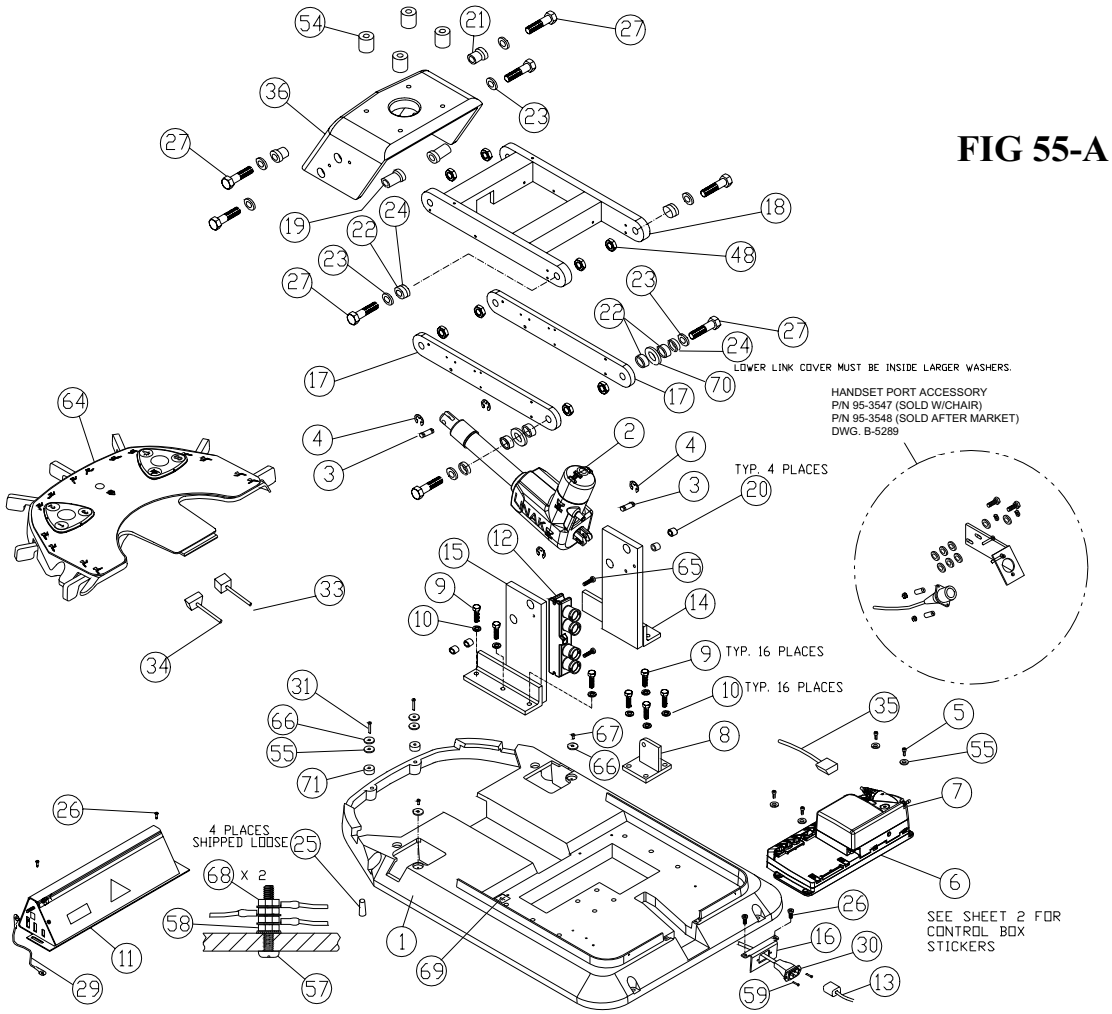
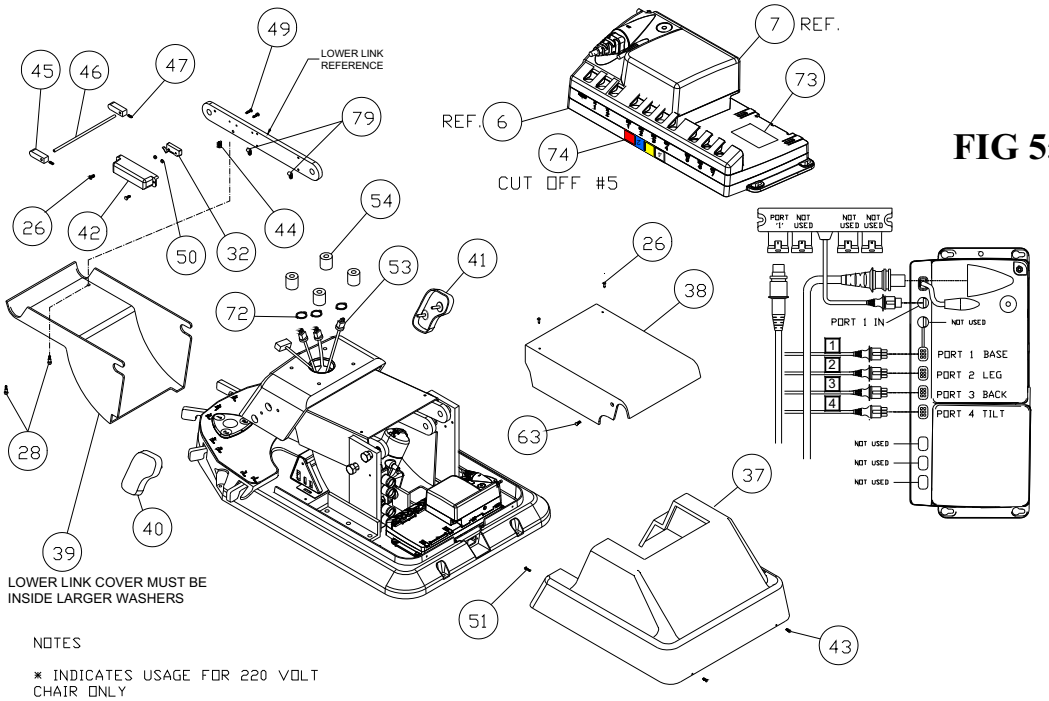

LOWER LINK COVER MUST BE INSIDE LARGER WASHERS.
HANDSET PORT ACCESSORY
P/N 95-3547 (SOLD W/CHAIR)
P/N 95-3548 (SOLD AFTER MARKET)
DWG. B-5289
TYP. 4 PLACES
TYP. 16 PLACES
TYP. 16 PLACES
4 PLACES SHIPPED LOOSE
68 X 2
SEE SHEET 2 FOR CONTROL BOX STICKERS

FIG 55-B



Feb 2, 2009

PARTS BREAKDOWN: CB-2008-4 BASE
P/N 68-2322 115 VOLT P/N 68-2323 230 VOLT
REF. DRAWING B-5606

	ITEM	QTY	PART#	DWG#	DESCRIPTION
	33	1	10-1554	A-4084	CABLE: LINAK 'T' 0015413
	32	1	15-1106	B-3515	SAFETY CABLE: CB-II
	31	2	59-4825		PHIL PAN: #6-32 X 1
	30	1	15-0830	B-4544	HARNESS: A/C INLET- CB2.1 BASES
	29	1	15-0114	A-3530	GROUNDING CABLE, 5-1/4"
	28	2	59-1985		SCR: SHOULDER 1/4 x 3/8 S.S.
	27	2	59-1880		SCR: HEX HEAD 5/8-18 x 2 1/2 GR8
	26	8	59-4818		SCR:PHILL PAN HEAD #10-24 x 1/2 TYPE 'F'
	25	4	59-1769		ANCHOR: 5/16 x 2 1/2
	24	4	50-2170		SPACER: NYLON 5/8 X 7/8 X 1/8
	23	8	50-2182		WASHER: NYLON
	22	4	50-2186		WASHER: NYL .995X.635X.25
	21	2	60-3748		BUSHING: FLANGED 5/8 X 7/8
	20	4	60-3707		BEARING: NEEDLE (B-108)
	19	2	60-3746		BUSHING: FLANGED 5/8 X 1-1/4
	18	1	91-1586	D-3566	WELDMENT: UPPER LINK CB-II (P)
	17	2	91-1585	C-3572	LINK: LOWER CB-II (P)
	16	1	91-0902	A-4522	BRACKET: A/C INLET CB2.1 BASES
	15	1	91-1980	B-4548	UPRIGHT WELDMENT RIGHT FOR DJB BOX
	14	1	91-1709	B-4548	UPRIGHT WELDMENT, FOR HANDSET BRKT
*	13	1	10-3396	---	POWER CORD: 230 VOLT
	13	1	10-1428	B-4607	POWER CORD: IND. LIGHT 90>PLUG-115 VOLT
	12	1	10-4546		LINAK DJB BOX W/MATRIX
*	11	1	15-1097	D-3519	ELECT BOX: CB-II 230 VOLT
	11	1	15-1103	D-3505	ELECT BOX: CB-II 115 VOLT
	10	10	59-7067		WASHER: LOCK 3/8"
	9	10	59-1861		SCR: HEX HD 3/8-16 x 1 1/4 GR5
	8	1	91-0903	B-4524	WELDMENT: MOTOR MOUNT CB2.1 (P)
*	7	1	10-4562	B-5314	CONTROL POWER: 220V
	7	1	10-4561	B-5314	CONTROL POWER: 115V
	6	1	10-4560	B-5314	CONTROL BOX: LINAK CB-20 4 PORTS
	5	4	59-4827		PHIL PAN: #8-32 X 1/2
	4	4	60-3162		CLIP: 'E' STYLE 3/8
	3	2	90-1653	A-3604	PIN: LINAK LA-34 MOTOR
	2	1	10-4550	B-5314	MOTOR: LA-34 150mm COMPACT HOUSING
	1	1	91-0859	B-4583	CB2002-4 BASE: MACHINED (P)

	ITEM	QTY	PART#	DWG#	DESCRIPTION
	79	2	10-3417		CABLE CLAMP: NYLON 5/8"
	78	1	60-1450-4	B-3511	MARKER: CABLE WHITE
	77	1	60-1450-3	B-3511	MARKER: CABLE YELLOW
	76	1	60-1450-2	B-3511	MARKER: CABLE BLUE
	75	1	60-1450-1	B-3511	MARKER: CABLE RED
	74	1	60-1450	A-4714	LABEL: COLOR CODING
	73	1	60-1451	A-5617	LABEL: CB-20 CONTROL BOX I.D.
	72	4	10-4549		CABLE LOCK: LINAK LA31
	71	2	50-2189		SPACER: BLACK .705 X .395 LG.
	70	2	50-2156		WASHER: 11/16 X 1.5 X .125
	69	1	60-1688		DECAL: EARTH GROUND
	68	3	59-2012		NUT: HEX, 10-24
	67	2	59-4845	--	PHIL PAN: #6-32 x 1/2
	66	4	55-0315	--	FASTENER: MUSHROOM 3M #SJ3463
	65	2	59-4875		PHIL PAN 10-24 X 3/4
	64	1	15-0798	B-5136	FOOT CONTROL ASSY: 4 POS. CB2002-4
	63	2	59-4828		PHIL FLAT: 10-24 X 1/2 "F"
	62				
	61				
	60				
	59	2	59-4798	--	PHIL PAN: #6-32 x 3/4 TYPE 'F'
	58	1	59-2007		NUT: 10-24 W/ STARWASHER
	57	3	59-4821		PHIL PAN 10-24 X 1-1/2
	56				
	55	6	59-7056		WASHER: FLAT 3/16
	54	4	91-0761	A-3835	SPACER: TILT FRAME
	53	3	10-4547	B-5314	CABLE: EXTENSION - LA-31 MOTOR 1000mm
*	52	1	15-1094	B-3516	EXTENSION CABLE: A/C OUTLET CB-II 230V
	52	1	15-1117	B-3508	EXTENSION CABLE: A/C OUTLET CB-II 115V
	51	2	59-4819		SCREW - PHIL PAN: 10-24 X 3/4 "F"
	50				
	49	2	59-4894		SCREW - PHIL PAN: 6-32 X 1 1/4
	48	8	59-2030		NUT - HEX: 5/8-18 NYLOCK THIN
	47	2	59-5983		SCR: SET #10-24 x 3/16
	46	1	90-1579	A-3623	ROD: SAFETY MECH. CB-II
	45	2	90-1578	A-3624	LEVER: SAFETY MECH CB-II
	44	2	60-1628		SPRING: COMP. .25 O.D. x .8
	43	2	59-4789		SCR: PAN HD PHILLIPS #6 X 1/2 'F'
	42	1	50-1520	B-3639	COVER: CB-II SAFETY SWITCH
	41	1	50-1530	B-3622	COVER ASSY: SEAT MOUNT BOLT - L
	40	1	50-1529	B-3622	COVER ASSY: SEAT MOUNT BOLT - R
	39	1	50-1506	C-3273	COVER: BASE LOWER LINK CB-II
	38	1	50-1505	D-3272	COVER: BASE UPPER LINK CB-II
	37	1	50-1504	D-3271	COVER: BASE CB-II
	36	1	91-0601	D-3147	SEAT MOUNT: CAST CB-II (P)
	35	1	15-1088	B-3525	A/C POWER CABLE: CB-II
	34	1	15-1113	B-3511	A/C SWITCH CABLE: M-2000

*FOR 220 VOLT UNIT ONLY

PARTS BREAKDOWN: CB2008 FP BASE

P/N 68-2320FP 3 MOTOR 115 VOLT
P/N 68-2321FP 3 MOTOR 230 VOLT
P/N 68-2322FP/4 4 MOTOR 115 VOLT
P/N 68-2323FP/4 4 MOTOR 230 VOLT
REF. DWG NO. B-5608

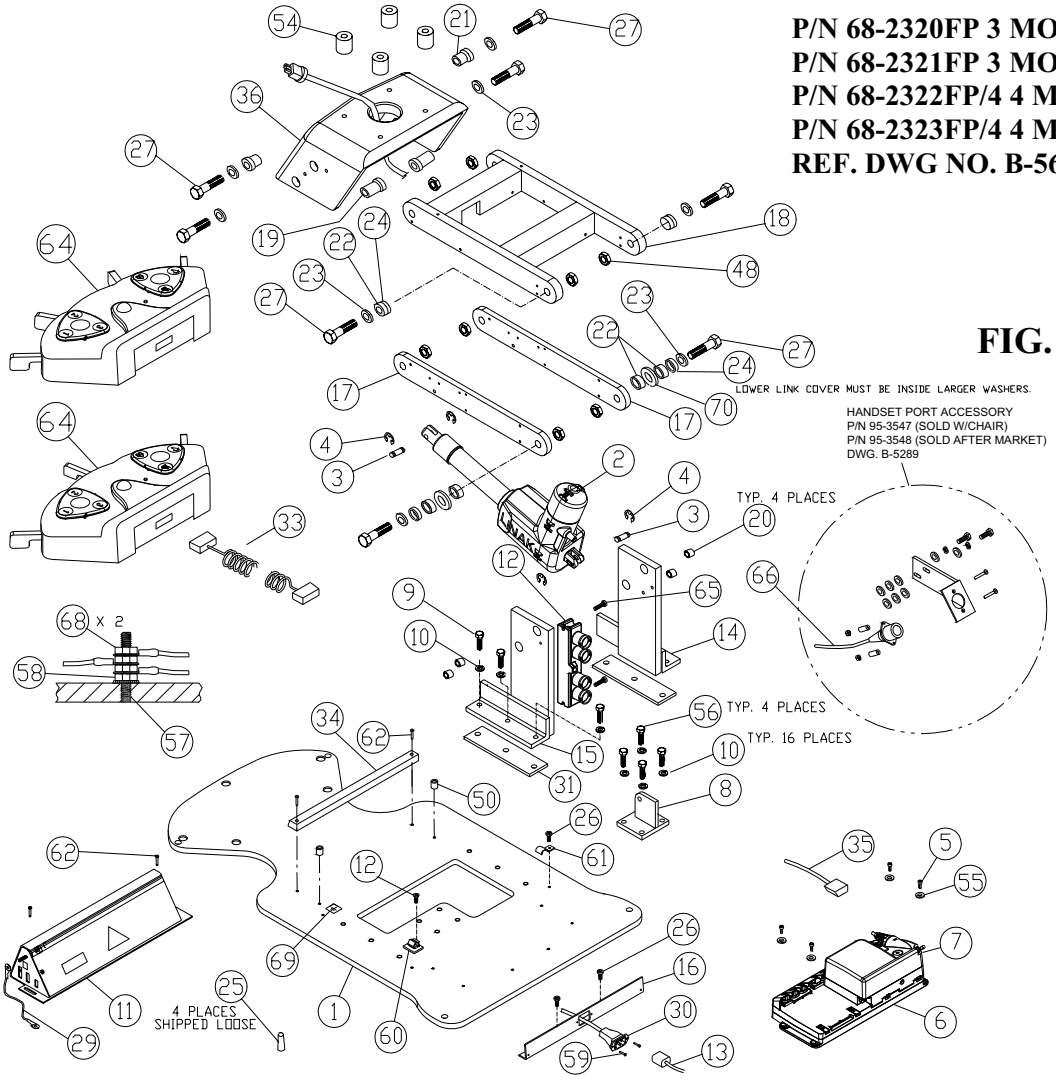


FIG. 52-A

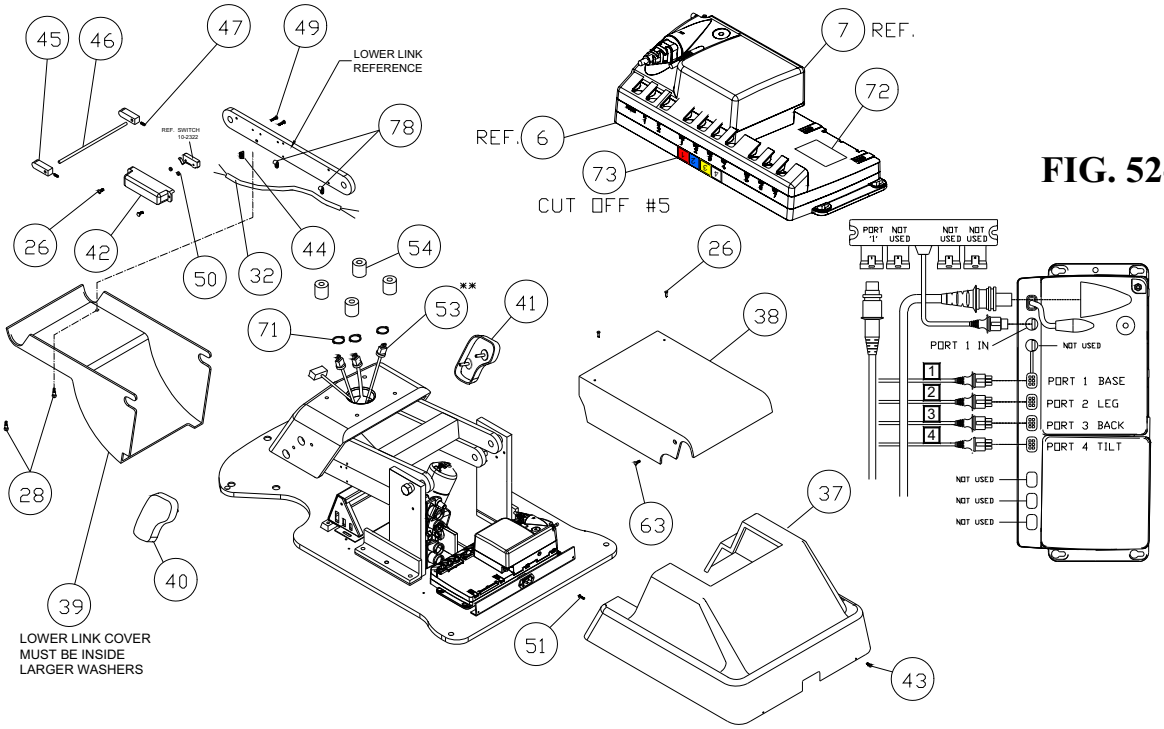


FIG. 52-B

Feb 2, 2009

PARTS BREAKDOWN: CB2008 FP BASE
REF. DRAWING B-5608

	ITEM	QTY	PART#	DWG#	DESCRIPTION
	34	1	91-1940	B-5304	SPACER: ELECTRICAL BOX-CB2006 FB BASE
	33	1	15-0115	B-5309	CABLE: COILED- CB2006 FP BASE
	32	1	15-1106	B-3515	SAFETY CABLE: CB-II
	31	2	91-1941	B-5303	SPACER: UPRIGHT- CB2006 FP BASE
	30	1	15-0830	B-4544	HARNESS: A/C INLET- CB2.1 BASES
	29	1	15-0114	A-3530	GROUNDING CABLE, 5-1/4"
	28	2	59-1985		SCR: SHOULDER 1/4 x 3/8 S.S.
	27	2	59-1880		SCR: HEX HEAD 5/8-18 x 2 1/2 GR8
	26	7	59-4818		SCR: PHIL PAN HEAD #10-24x 1/2" TYPE 'F'
	25	4	59-1769		ANCHOR: 5/16 x 2 1/2
	24	4	50-2170		SPACER: NYLON 5/8 X 7/8 X 1/8
	23	8	50-2182		WASHER: NYLON
	22	4	50-2186		WASHER: NYL .995X.635X.25
	21	2	60-3748		BUSHING: FLANGED 5/8 X 7/8
	20	4	60-3707		BEARING: NEEDLE (B-108)
	19	2	60-3746		BUSHING: FLANGED 5/8 X 1-1/4
	18	1	91-1586	D-3566	WELDMENT: UPPER LINK CB-II (P)
	17	2	91-1585	C-3572	LINK: LOWER CB-II (P)
	16	1	91-1939	B-5298	ANGLE: A/C INLET CB2006FP BASE
	15	1	91-1980	B-4548	UPRIGHT WELDMENT RIGHTHAND-DJB BOX
	14	1	91-1709	B-4548	UPRIGHT WELDMENT, LEFTHAND FOR BRKT
*	13	1	10-3396	---	POWER CORD: 230 VOLT
	13	1	10-1428	B-4607	POWER CORD: 115 VOLT
	12	1	10-4546		LINAK DJB BOX W/MATRIX
*	11	1	15-1078	D-4397	ELECT BOX: PD2341- 230 VOLT
	11	1	15-1081	D-4391	ELECT BOX: PD2341- 115 VOLT
	10	10	59-7067		WASHER: LOCK 3/8"
	9	10	59-1861		SCR: HEX HD 3/8-16 x 1 1/4 GR5
	8	1	91-0903	B-4524	WELDMENT: MOTOR MOUNT CB2.1 (P)
	7	1	10-4562	B-5314	CONTROL POWER: 220V.
*	7	1	10-4561	B-5314	CONTROL POWER: 115V.
	6	1	10-4560	B-5314	CONTROL BOX: LINAK CB-20 4 PORTS
	5	4	59-4827		PHIL PAN: #8-32 X 1/2
	4	4	60-3162		CLIP: 'E' STYLE 3/8
	3	2	90-1653	A-3604	PIN: LINAK LA-34 MOTOR
	2	1	10-4550	B-5314	MOTOR:LINAK LA-34 150mm COMPACT HOUSING
	1	1	91-1938	D-5294	FLOOR PLATE: CB2006 FP BASE

	ITEM	QTY	PART#	DWG#	DESCRIPTION
	78	2	10-3417		CABLE CLAMP: NYLON 5/8"
	77	1	60-1450-4	B-3511	MARKER: CABLE WHITE
	76	1	60-1450-3	B-3511	MARKER: CABLE YELLOW
	75	1	60-1450-2	B-3511	MARKER: CABLE BLUE
	74	1	60-1450-1	B-3511	MARKER: CABLE RED
	73	1	60-1450	A-4714	LABEL: COLOR CODING
	72	1	60-1451	A-5617	LABEL: CB-20 CONTROL BOX I.D.
****	71	3	10-4549		CABLE LOCK: LINAK LA31
	70	2	50-2156		WASHER: 11/16 X 1.5 X .125
	69	1	60-1688		DECAL: EARTH GROUND
	68	3	59-2012		NUT: HEX, 10-24
	67				
	66	1	10-1554	A-4804	'T' CABLE - 8 PIN DIN
	65	2	59-4875		PHIL PAN: #10-24 X 3/4"
***	64	1	15-0787	B-4117	FOOT CONTROL ASSY: BE2000 4 PED MOBILE
	64	1	15-0786	B-4090	FOOT CONTROL ASSY: BE2000 3 PED MOBILE
	63	3	59-4828		PHIL FLAT: 10-24 X 1/2 "F"
	62	4	59-4820		PHIL PAN: #10-24 X 1"
	61	1	10-3407		CABLE CLAMP, NYL 3/8"
	60	1	10-3522		CABLE MOUNT: 3/4" W/DRILLED HOLE
	59	2	59-4798	--	PHIL PAN: #6-32 x 3/4 TYPE 'F'
	58	1	59-2007		NUT: 10-24 W/ STARWASHER
	57	1	60-1127		STUD: #10-24 X 1 S.S.
	56	4	59-1860		HEX: 3/8-16 X 1 GR5
	55	4	59-7056		WASHER: FLAT 3/16
	54	4	91-0761	A-3835	SPACER: TILT FRAME
**	53	2	10-4547	B-5314	CABLE: EXTENSION 1000mm- LA-31 MOTOR
*	52	1	15-1094	B-3516	EXTENSION CABLE: A/C OUTLET CB-II 230V
	52	1	15-1117	B-3508	EXTENSION CABLE: A/C OUTLET CB-II 115V
	51	2	59-4819		SCREW - PHIL PAN: 10-24 X 3/4 "F"
	50	2	90-0992	A-4719	RAIL SPACER, ALUM
	49	2	59-4894		SCREW - PHIL PAN: 6-32 X 1 1/4
	48	8	59-2030		NUT - HEX: 5/8-18 NYLOCK THIN
	47	2	59-5983		SCR: SET #10-24 x 3/16
	46	1	90-1579	A-3623	ROD: SAFETY MECH. CB-II
	45	2	90-1578	A-3624	LEVER: SAFETY MECH CB-II
	44	2	60-1628		SPRING: COMP. .25 O.D. x .8
	43	2	59-4789		SCR: PAN HD PHILLIPS #6 X 1/2 'F'
	42	1	50-1520	B-3639	COVER: CB-II SAFETY SWITCH
	41	1	50-1530	B-3622	COVER ASSY: SEAT MOUNT BOLT - L
	40	1	50-1529	B-3622	COVER ASSY: SEAT MOUNT BOLT - R
	39	1	50-1506	C-3273	COVER: BASE LOWER LINK CB-II
	38	1	50-1505	D-3272	COVER: BASE UPPER LINK CB-II
	37	1	50-0889	D-3271	COVER: BASE CB 2006FP (NO HANDSET HOLE)
	36	1	91-0601	D-3147	SEAT MOUNT: CAST CB-II (P)
	35	1	15-1088	B-3525	A/C POWER CABLE: CB-II

* FOR 230 VOLT UNIT
** FOR QTY=3 FOR 4MOTOR BASE
*** FOR 4 MOTOR BASE
**** QTY 3 FOR 4 MOTOR BASE
QTY 2 FOR 3 MOTOR BASE

UNIVERSAL CHAIR SWIVEL
FIELD INSTALLATION
P/N 95-0533 REF. DRAWING B-5528

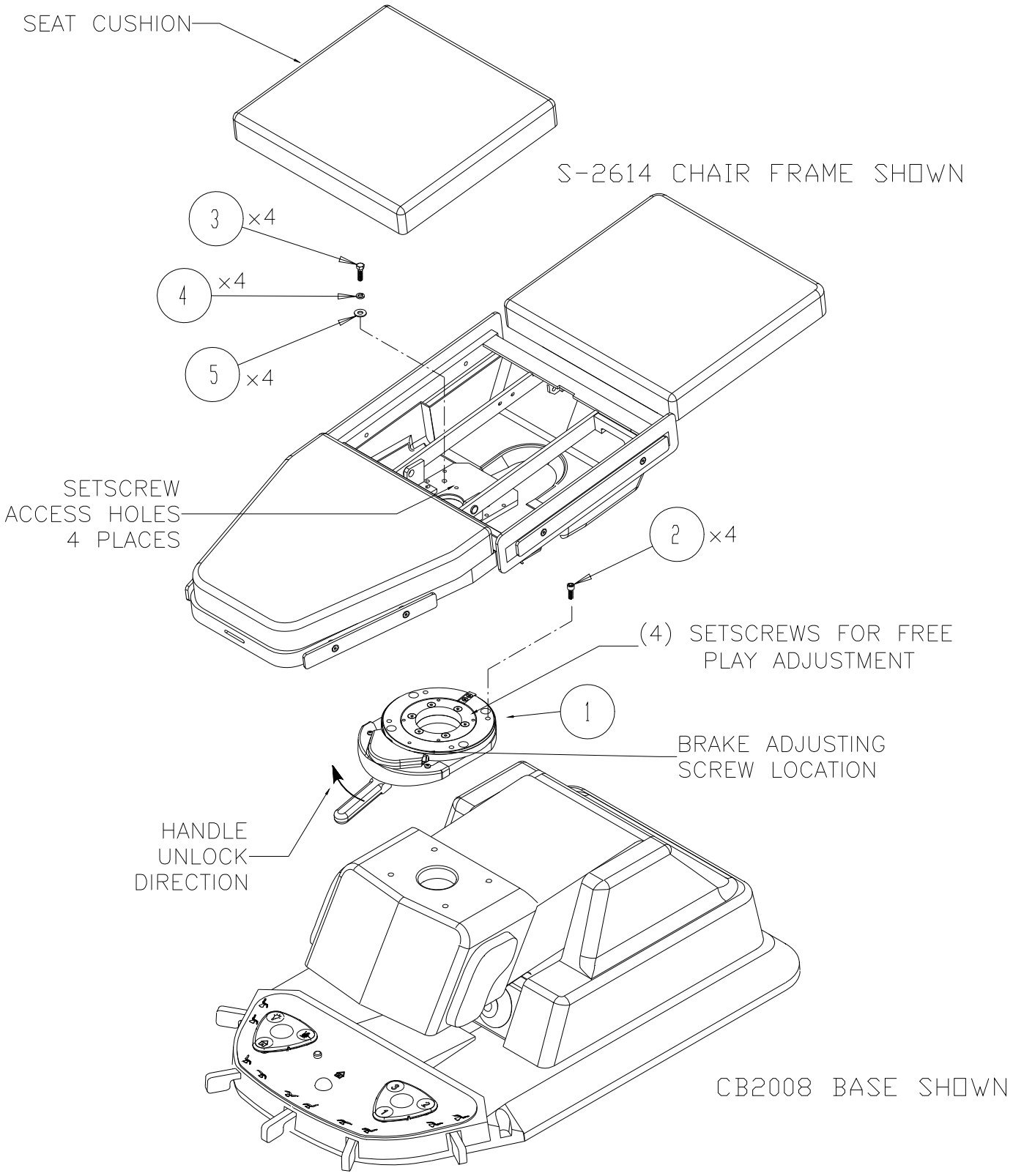


FIG. 59

ITEM #	UNIVERSAL CHAIR SWIVEL (SEE FIGURE 53)	BOYD #
1	UNIVERSAL CHAIR SWIVEL	95-0533
2	SOC HD: 3/8-16 X 1	59-3920
3	HEX HD 3/8-16 X 1-1/4	59-1861
4	LOCK WASHER: 3/8	59-7067
5	FLAT WASHER: 3/8	59-7062

GENERAL NOTES:

1. SWIVELS ARE NORMALLY INSTALLED AND ADJUSTED BY FACTORY.
2. FIELD INSTALLATION AND ADJUSTMENTS SHOULD BE PERFORMED BY BOYD AUTHORIZED PERSONNEL.
3. CHAIR FRAME MUST BE REMOVED FROM BASE FOR FIELD INSTALLATION OF SWIVEL.
4. CHAIR SEAT UPHOLSTERY MUST BE REMOVED FOR SWIVEL INSTALLATION AND FREE PLAY ADJUSTMENT.

SWIVEL INSTALLATION:

1. UNLOCK SWIVEL ASSEMBLY AND ROTATE TOP SWIVEL PLATE TO EXPOSE MOUNTING HOLES IN BOTTOM PLATE.
2. ATTACH SWIVEL TO BASE WITH 3/8 DIAMETER SOCKET HEAD SCREWS SHOWN.
3. ATTACH CHAIR TO SWIVEL TOP PLATE USING HEX HEAD BOLTS, FLAT WASHERS & LOCK WASHERS SHOWN.
4. ALL WIRES FROM BASE TO CHAIR TO BE ROUTED THRU OPENING IN SWIVEL.

SWIVEL FREE PLAY ADJUSTMENT:

1. CHAIR SWIVEL SHOULD HAVE NO FREE PLAY.
2. TIGHTEN THE FOUR SETSCREWS (ONE AT A TIME) ROTATE CHAIR AFTER EACH SCREW ADJUSTMENT UNTIL ALL FREE PLAY IS ELIMINATED. IF CHAIR DOES NOT ROTATE ADEQUATELY, LOOSEN SETSCREWS ONE AT A TIME UNTIL DESIRED SETTING IS ACHIEVED.

SWIVEL LOCKING ADJUSTMENT:

1. CHAIR SWIVEL MUST LOCK SECURELY WITH HANDLE POINTING IN 6 O'CLOCK POSITION.
2. TIGHTEN BRAKE ADJUSTING SCREW TO INCREASE BRAKING FORCE. A 5/32” HEX ALLEN WRENCH IS REQUIRED.

PARTS BREAKDOWN: LIGHT POST ASSEMBLY
S-2614/S-2615/S-2914
S-2614FP/S-2615FP/S-2914FP

P/N 95-2550 LEFT
P/N 95-2551 RIGHT (SHOWN)
REF. DRAWING B-5786

LIGHT AND ADAPTER ARE SOLD SEPARATELY

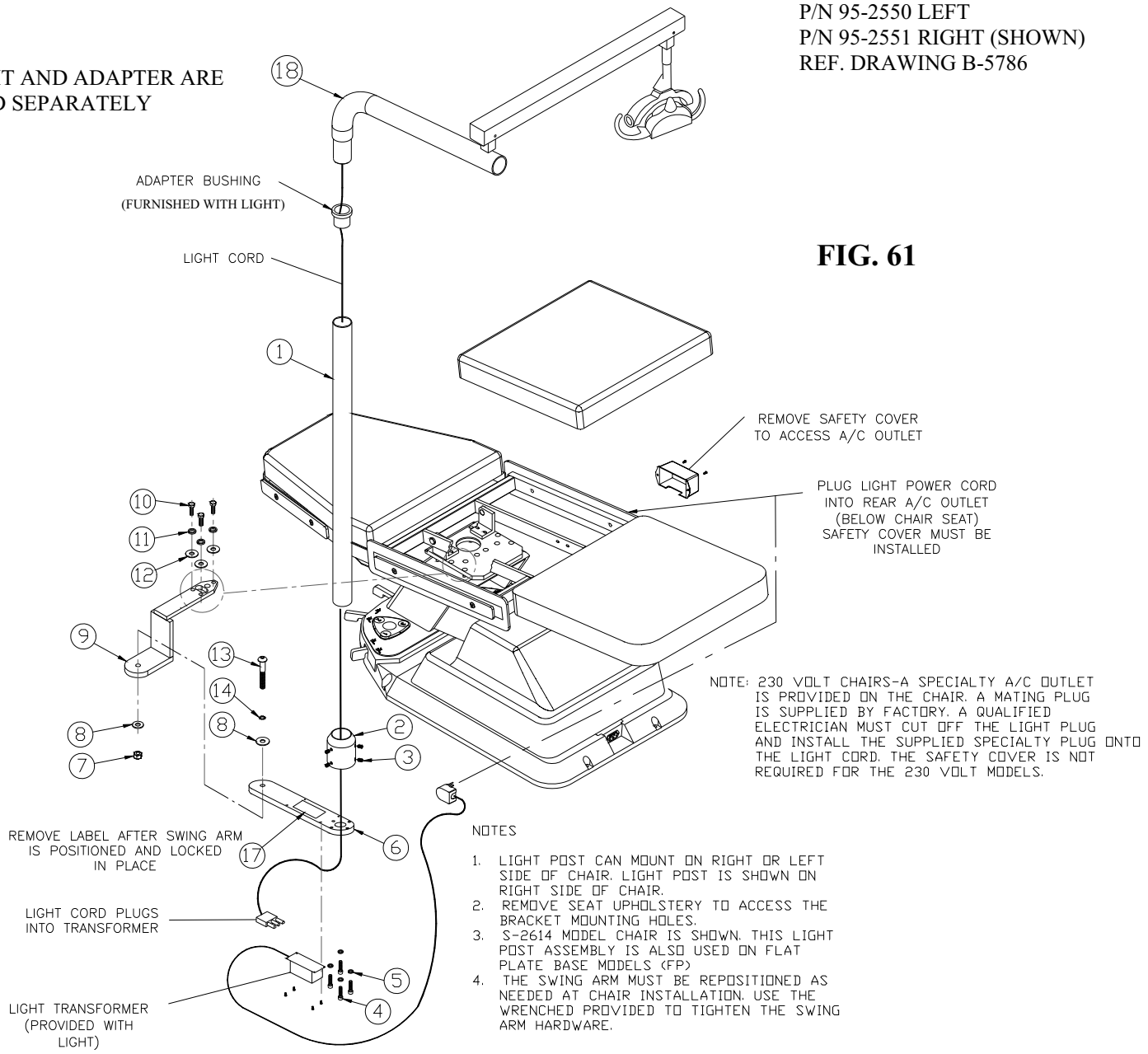


FIG. 61

NOTE: 230 VOLT CHAIRS-A SPECIALTY A/C OUTLET IS PROVIDED ON THE CHAIR. A MATING PLUG IS SUPPLIED BY FACTORY. A QUALIFIED ELECTRICIAN MUST CUT OFF THE LIGHT PLUG AND INSTALL THE SUPPLIED SPECIALTY PLUG ONTO THE LIGHT CORD. THE SAFETY COVER IS NOT REQUIRED FOR THE 230 VOLT MODELS.

NOTES

1. LIGHT POST CAN MOUNT ON RIGHT OR LEFT SIDE OF CHAIR. LIGHT POST IS SHOWN ON RIGHT SIDE OF CHAIR.
2. REMOVE SEAT UPHOLSTERY TO ACCESS THE BRACKET MOUNTING HOLES.
3. S-2614 MODEL CHAIR IS SHOWN. THIS LIGHT POST ASSEMBLY IS ALSO USED ON FLAT PLATE BASE MODELS (FP)
4. THE SWING ARM MUST BE REPOSITIONED AS NEEDED AT CHAIR INSTALLATION. USE THE WRENCHED PROVIDED TO TIGHTEN THE SWING ARM HARDWARE.

NOTE- SWING ARM MUST BE REPOSITIONED AS NEEDED DURING CHAIR INSTALLATION. USE THE WRENCHES PROVIDED TO TIGHTEN THE SWING ARM HARDWARE (ITEMS 7 & 13)

ITEM	QTY	DESCRIPTION	DWG#	PART#
18	1	S-2505 EXAM LIGHT		600-2505
17	1	LABEL: L/P ASSEMBLY		60-1391
16	1	WRENCH: ALLEN 5/16"		60-4832
15	1	WRENCH: OPEN END 3/4"		60-4831
14	1	LOCKWASHER 1/2" INT. STAR		59-7084
13	1	BUT HD SOC:SS 1/2-13x 2 1/2		59-3847
12	3	WASHER: FLAT 3/8"		59-7059
11	3	WASHER: LOCK 3/8"		59-7067
10	3	HEX: 3/8-16 X 1 GR5		59-1860
9	1	WELDMENT: LP BRKT 2615 LA31	B-5710	91-1540
8	2	WASHER: FLAT, 1/2"		59-7063
7	1	NUT: HEX 1/2-13 NYL		59-2038
6	1	SWING ARM: 17"	B-3563	91-6714
5	4	LOCKWASHER: 1/4 HEL SPRING		59-7065
4	4	SOC CAP:1/4-20 X 1 1/4		59-3900
3	6	SET: 5/16-18 X 1/2		59-5940
2	1	LIGHT POST CUP: BASE MNT	B-0173	91-2502
1	1	LIGHT POST 40"	B-2160	91-9193

PARTS BREAKDOWN: S-2615/S-2615FP UPHOLSTERY
P/N 67-2615STHIN REF. DRAWING B-5901

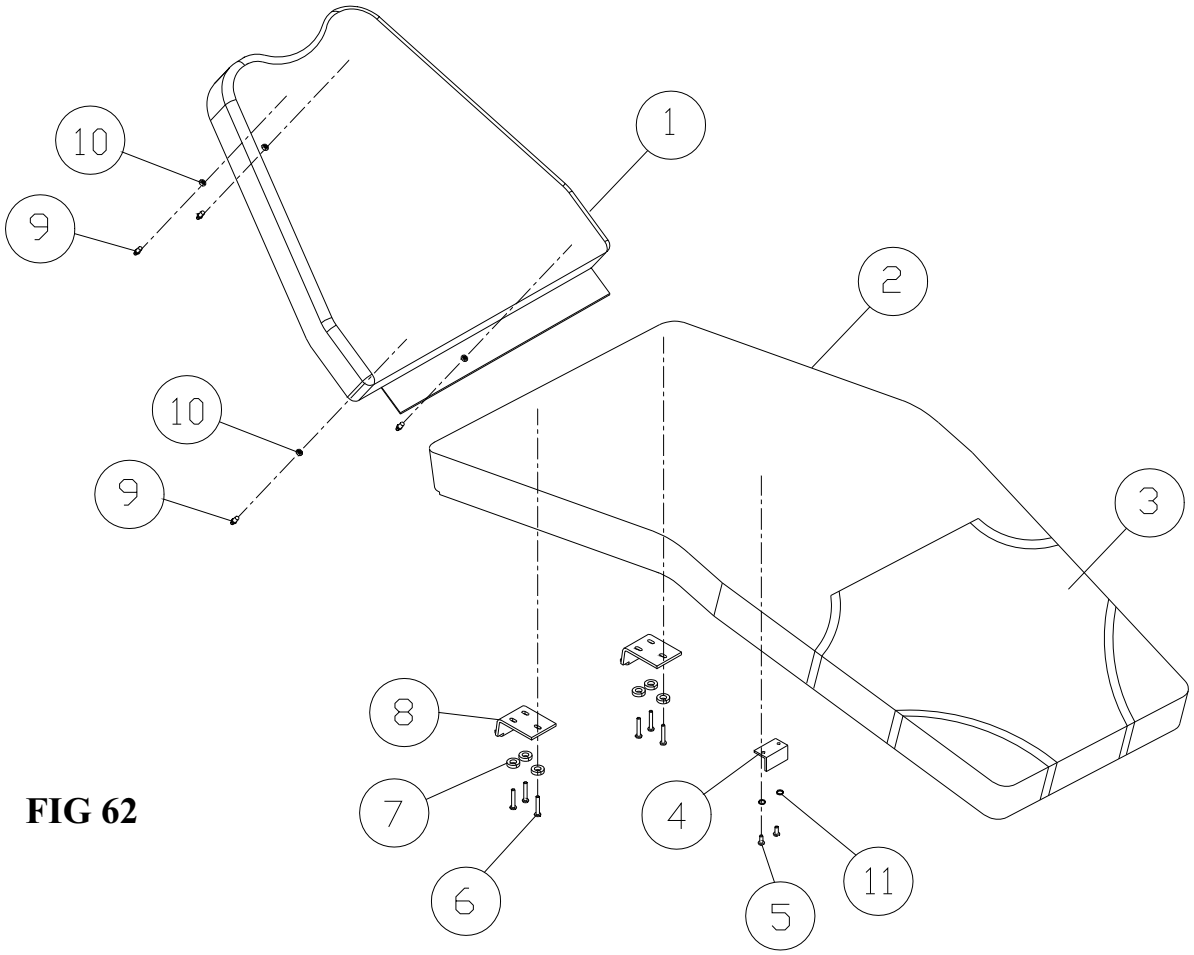


FIG 62

ITEM #	S-2615 UPHOLSTERY ITEM DESCRIPTION	BOYD #
1	UPHOLSTERY: S-2614/S-2615 THIN BACK WITH BOLTS AND BRACKETS	67-2618S
2	UPHOLSTERY: S-2615 SEAT (ONE PIECE) WITH BOLTS AND BRACKETS	67-2616S
3	TOE PROTECTOR-S-2615	67-2025S
4	ANGLE: SEAT RETAINER	90-9016
5	PHIL PAN HD: #10-24 X 1”	59-4820
6	PHIL PAN HD: 1/4-20 X 1”	59-4833
7	WASHER, LOCK: 1/4”	59-7065
8	BRACKET: UPHOLSTERY, ‘Z’	91-0751
9	STUD: PANEL LOC	60-1126
10	NUT, HEX: 6MM	59-2017
11	WASHER: LOCK #10 EXT TOOTH	59-7057

PARTS BREAKDOWN: S-2614/S-2614FP UPHOLSTERY
P/N 67-2614S THIN REF. DRAWING B-5900

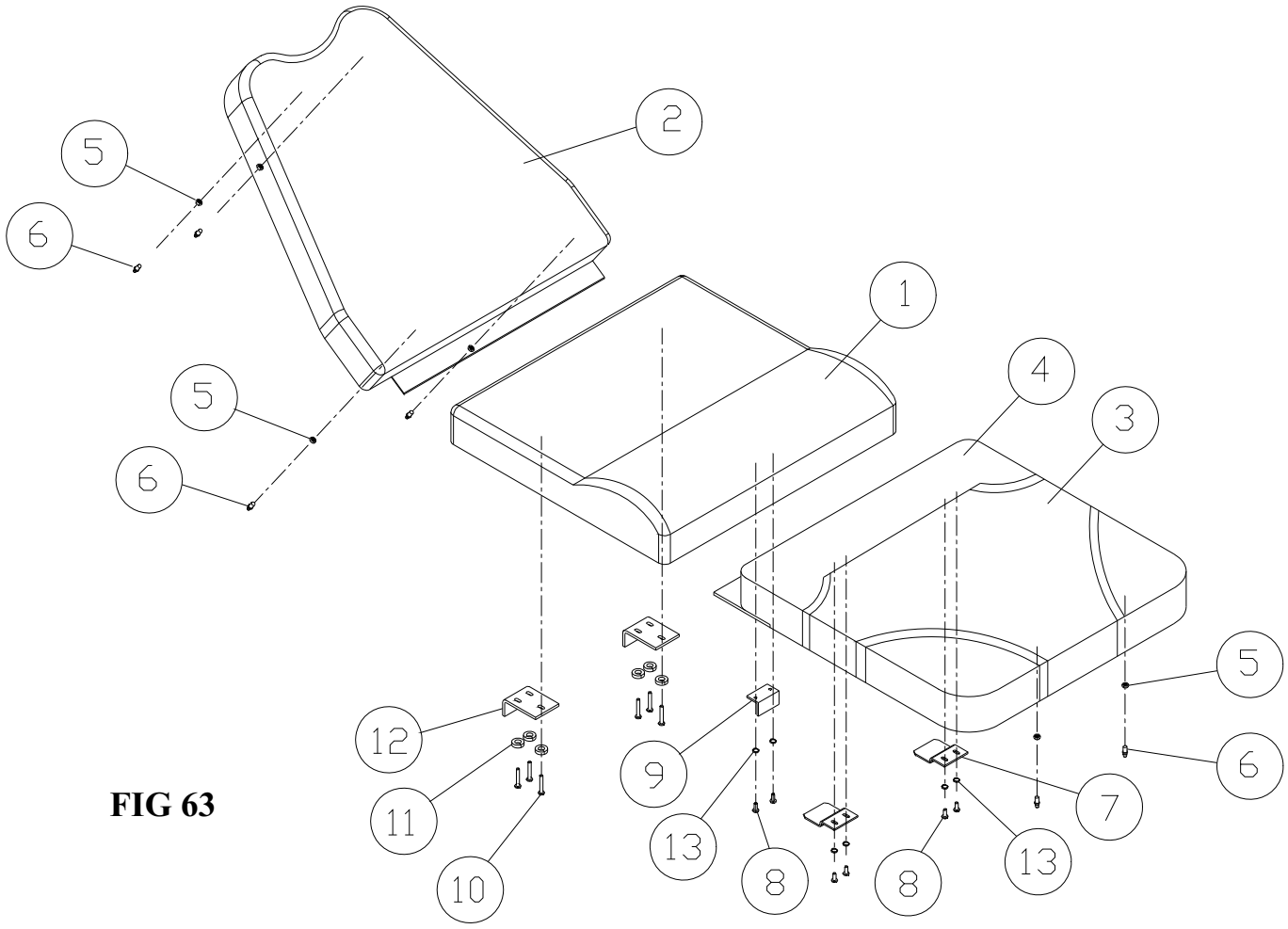


FIG 63

ITEM #	S-2614/S-2614FP UPHOLSTERY ITEM DESCRIPTION	BOYD #
1	UPHOLSTERY: S-2614 SEAT WITH BRACKETS AND BOLTS	67-2612S
2	UPHOLSTERY: S-2614/S-2615 BACK WITH BRACKETS AND BOLTS	67-2618S
3	TOE PROTECTOR: S-2614	67-2026S
4	UPHOLSTERY: S-2614 LA31 TOE	67-2613LA31S
5	NUT, HEX: 6MM	59-2017
6	STUD: PANEL LOC	60-1126
7	BRACKET: 'Z' 2600 SERIES	91-0750
8	PHIL PAN HD: #10-24 X 1"	59-4820
9	ANGLE: SEAT RETAINER	90-9016
10	PHIL PAN HD: 1/4-20 X 1"	59-4833
11	WASHER, LOCK: 1/4"	59-7065
12	BRACKET: UPHOLSTERY, ANGLE	91-1539
13	WASHER: LOCK #10 EXT TOOTH	59-7057

PARTS BREAKDOWN: S-2914/S-2914FP UPHOLSTERY
P/N 67-2909S WINGED BACK P/N 67-2910S TAPERED BACK
REF. DRAWING B-4358

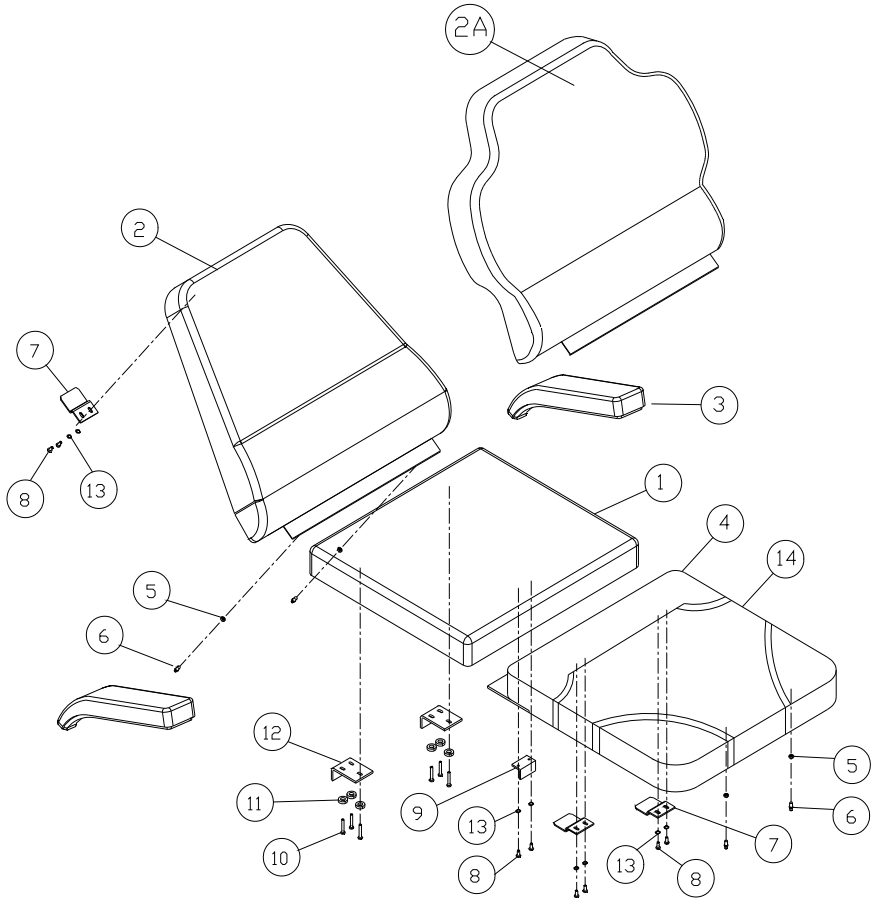


FIG 64

ITEM #	S-2914/S-2914FP UPHOLSTERY ITEM DESCRIPTION	BOYD #
1	UPHOLSTERY: S-2914 SEAT WITH BRACKETS AND BOLTS	67-2912S
2	UPHOLSTERY: S-2914 TAPERED BACK WITH BRACKETS AND BOLTS	67-2911S
2A	UPHOLSTERY: S-2914 WINGED BACK WITH BRACKETS AND BOLTS	67-2914S
3	UPHOLSTERY: ARM-2341/2914	67-3335S
4	UPHOLSTERY: S-2914 TOE	67-2913S
5	NUT, HEX: 6MM	59-2017
6	STUD: PANEL LOC	60-1126
7	BRACKET: 'Z' 2600 SERIES	91-0750
8	PHIL PAN HD: #10-24 X 1"	59-4820
9	ANGLE: SEAT RETAINER	90-9016
10	PHIL PAN HD: 1/4-20 X 1"	59-4833
11	WASHER, LOCK: 1/4"	59-7065
12	BRACKET: UPHOLSTERY, ANGLE	91-1539
13	WASHER: LOCK #10 EXT TOOTH	59-7057
14	TOE PROTECTOR: S-2614/S-2914	67-2026S

CLEANING/CONDITIONING

IT IS RECOMMENDED THAT THE CHAIR AND EQUIPMENT BE THOROUGHLY CLEANED AND DISINFECTED AFTER EACH USE. USE ONLY CLEANERS AND DISINFECTANTS APPROVED FOR CLEANING VINYL. DO NOT USE STRONG OR HARSH CLEANERS SUCH AS: '409', OR 'MR. CLEAN'. THEY WILL CAUSE THE VINYL COLOR TO FADE. APPLY THE CLEANER TO A TOWEL, NOT DIRECTLY TO THE VINYL. A SPECIALLY FORMULATED VINYL CONDITIONER IS AVAILABLE FROM BOYD INDUSTRIES INCORPORATED. REFER TO VINYL MANUFACTURER'S DATA FOR SPECIFIC CLEANING INSTRUCTIONS.

INFECTION CONTROL

ALL ESTABLISHED INFECTION CONTROL POLICIES SHOULD BE FOLLOWED. ALL WORK SURFACES AND PATIENT CONTACT SURFACES SHOULD BE DISINFECTED BETWEEN PATIENTS AND AT THE END OF THE DAY USING A PRODUCT THAT IS EPA REGISTERED AS 'HOSPITAL DISINFECTANT' AND LABELED FOR TUBERCULOCIDAL ACTIVITY. TWO SUCH PRODUCTS ARE:
TRI-CIDE (800) 342-3096
MEDOCADCIO (800) 777-7072

TOUS ÉTABLI DES POLITIQUES DE LUTTE CONTRE L'INFECTION DOIVENT ÊTRE SUIVIES. TOUTES LES SURFACES DE TRAVAIL ET LES SURFACES EN CONTACT AVEC DES PATIENTS DOIVENT ÊTRE DÉSINFECTÉS ENTRE LES PATIENTS ET À LA FIN DE LA JOURNÉE L'AIDE D'UN PRODUIT QUE L'EPA EST ENREGISTRÉ COMME «DÉSINFECTANT HOSPITALIER» ET MARQUÉS POUR TUBERCULOCIDES ACTIVITÉ. DEUX DE CES PRODUITS SONT LES SUIVANTS:
TRI-CIDE (800) 342-3096
MEDOCADCIO (800) 777-7072

TECHNICAL SERVICE

FOR PARTS, SERVICE, OR TECHNICAL INFORMATION CONTACT:

USA / CANADA:

Boyd Industries Inc.
12900 44th Street North
Clearwater, Florida USA 33762
tel: 1-727-561-0517
1-888-315-2693
fax: 1-727-573-1682

EUROPE

Ses DERMA
Grabador Esteve
22, bajo
46004 VALENCIA
tel: 96.352.83.23
fax: 96.351.65.42

CANADA

Dentaplus Inc.
100 DE LA BARRE, #1
Boucherville, QC
Canada J4B 2X7
tel: 450-655-8963
fax: 450-655-0711

TROUBLE SHOOTING GUIDE

SYMPTOMS:	APPROPRIATE ACTION:
PRODUCT WILL NOT OPERATE	CHECK THE MAIN SWITCH (C1) TO INSURE THAT IT IS ON. IT WILL BE ILLUMINATED IF IT IS ON.
PRODUCT WILL NOT OPERATE (SWITCH IS NOT ILLUMINATED)	CHECK THE A/C OUTLET THAT THE CHAIR IS PLUGGED INTO TO INSURE THAT THERE IS POWER GOING TO THE PRODUCT. ALSO CHECK THE BUILDING'S CIRCUIT BREAKERS.
	CHECK THAT EMERGENCY STOP (RED) SWITCH IS NOT PUSHED IN.
MAIN SWITCH (C1) IS ON OUTLET ON CHAIR WORKS MOTORS WILL NOT WORK	CHECK TO MAKE SURE THAT THE CABLE PLUG ON THE MOTOR IS PUSHED ALL THE WAY INTO THE CONTROL BOX.
	CHECK TO INSURE THAT THE BOTTOM SAFETY COVER IS NOT STUCK IN THE UP POSITION.
	CHECK THE POWER INTERRUPT INDICATOR TO INSURE THAT IT HAS NOT BEEN ACTIVATED
MAIN SWITCH (C1) IS ON- A/C OUTLET ON TABLE WORKS MOTORS WILL NOT WORK, OR A BEEP IS HEARD WHEN TRYING TO RUN A MOTOR	RESET THE MAIN CONTROL SOFTWARE: PRESS THE #1 & #2 SWITCHES AND HOLD BOTH FOR TEN SECONDS. A BEEPING WILL BE HEARD. AFTER THE BEEPING CEASES, PRESS AUTORETURN. THE CHAIR SHOULD NOW OPERATE NORMALLY. IF CHAIRS DOES NOT FUNCTION PROPERLY, PERFORM THE RESET PROCEDURE A SECOND TIME. IF CHAIR STILL DOES NOT FUNCTION PROPERLY, UNPLUG POWER CORD, WAIT TEN SECONDS, REPLUG AND PERFORM THE RESET PROCEDURE AGAIN. IF CHAIR DOES NOT FUNCTION NORMALLY, CALL FOR SERVICE.
NOISY MOTOR(S)	CALL FOR SERVICE.
FOOT SWITCH LIGHT WILL NOT WORK	CHECK LIGHT CIRCUIT BREAKER. (C2) WILL BE ILLUMINATED IF IT IS TURNED ON.
CIRCUIT BREAKER / SWITCH FOR LIGHT (C2) KEEPS TRIPPING	ITEM PLUGGED INTO LIGHT SWITCH OUTLET IN PRODUCT EXCEEDS AMP RATING. THE RATING FOR THIS OUTLET IS: 5 AMPS ON 115VOLT PRODUCTS - 2 AMPS ON 230VOLT PRODUCTS.

COMMON PROBLEMS

SYMPTOMS:	APPROPRIATE ACTION:
REPLACEMENT MOTOR DOES NOT WORK	THE PLUGS ON THESE MOTORS ARE WATER TIGHT AND FIT VERY TIGHTLY INTO THE CONTROL BOX. INSURE THAT THE PLUG IS ALL THE WAY INTO THE CONTROL BOX.
HEADREST BAR WILL ONLY ENGAGE APPROX. 2"	THE HEADREST RELEASE LEVER MUST BE DEPRESSED WHILE INSTALLING THE HEADREST. PUSH AND HOLD RELEASE LEVER, WHILE INSERTING HEADREST BAR INTO SLOT ON TOP OF THE BACK. IF THE HEADREST BAR STILL WILL NOT GO IN, CALL FOR SERVICE.

Guidance and manufacturer's declaration –electromagnetic immunity			
The Boyd models listed are intended for use in the electromagnetic environment specified below. The customer or the user of the Boyd model S-2614, S-2614FP, S-2615, S-2615FP, S-2914, or S-2914FP should assure that it is used in such an environment.			
Immunity test	**IEC 60601 test level**	**Compliance level**	**Electromagnetic environment – guidance**
Conducted RF IEC 61000-4-6	3 Vrms 150 kHz to 80 MHz	*3* Vrms	Portable and mobile RF communications equipment should be used no closer to any part of the Boyd model S-2614, S-2614FP, S-2615, S-2615FP, S-2914, or S-2914FP, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. **Recommended separation distance** $d = 1.2\sqrt{P}$
Radiated RF IEC 61000-4-3	3 V/m 80 MHz to 2,5 GHz	*3* V/m	$d = 1.2\sqrt{P}$ 80 MHz to 800 MHz $d = 2.3\sqrt{P}$ 800 MHz to 2,5 GHz where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in metres (m). Field strengths from fixed RF transmitters, as deter-mined by an electromagnetic site survey, [a] should be less than the compliance level in each frequency range. [b] Interference may occur in the vicinity of equipment marked with the following symbol:
NOTE 1 At 80 MHz and 800 MHz, the higher frequency range applies. NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.			

[a] Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the Boyd model S-2614, S-2614FP, S-2615, S-2615FP, S-2914, or S-2914FP is used exceeds the applicable RF compliance level above, the Boyd model S-2614, S-2614FP, S-2615, S-2615FP, S-2914, or S-2914FP should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the Boyd model S-2614, S-2614FP, S-2615, S-2615FP, S-2914, or S-2914FP

[b] Over the frequency range 150 kHz to 80 MHz, field strengths should be less than *3* V/m.

Recommended separation distances
between portable and mobile RF communications equipment and the Boyd model S-2614, S-2614FP, S-2615, S-2615FP, S-2914, or S-2914FP

The Boyd model S-2614, S-2614FP, S-2615, S-2615FP, S-2914, or S-2914FP is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the Boyd model S-2614, S-2614FP, S-2615, S-2615FP, S-2914, or S-2914FP can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the Boyd model S-2614, S-2614FP, S-2615, S-2615FP, S-2914, or S-2914FP as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output power of transmitter W	**Separation distance according to frequency of transmitter** m		
	150 kHz to 80 MHz	**80 MHz to 800 MHz**	**800 MHz to 2,5 GHz**
	$d = 1.2\sqrt{P}$	$d = 1.2\sqrt{P}$	$d = 2.3\sqrt{P}$
0,01	0.12	0.12	0.23
0,1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23

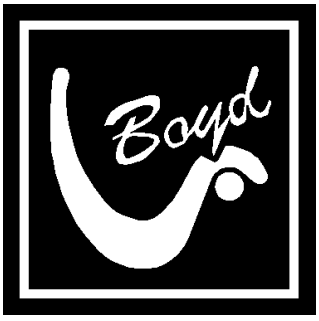
For transmitters rated at a maximum output power not listed above, the recommended separation distance d in metres (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

NOTE 1 At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

Guidance and manufacturer's declaration –electromagnetic immunity			
The Boyd model S-2614, S-2614FP, S-2615, S-2615FP, S-2914, or S-2914FP is intended for use in the electromagnetic environment specified below. The customer or the user of the Boyd model S-2614, S-2614FP, S-2615, S-2615FP, S-2914, or S-2914FP should assure that it is used in such an environment.			
Immunity test	**IEC 60601 test level**	**Compliance level**	**Electromagnetic environment – guidance**
Electrostatic discharge (ESD) IEC 61000-4-2	±6 kV contact ±8 kV air	±6 kV contact ±8 kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30 %.
Electrical fast transient/burst IEC 61000-4-4	±2 kV for power supply lines ±1 kV for input/output lines	±2 kV for power supply lines Not Applicable	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	±1 kV differential mode ±2 kV common mode	1 kV differential mode ±2 kV common mode	Mains power quality should be that of a typical commercial or hospital environment.
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	<5 % U_T (>95 % dip in U_T) for 0,5 cycle 40 % U_T (60 % dip in U_T) for 5 cycles 70 % U_T (30 % dip in U_T) for 25 cycles <5 % U_T (>95 % dip in U_T) for 5 sec	<5 % U_T (>95 % dip in U_T) for 0,5 cycle 40 % U_T (60 % dip in U_T) for 5 cycles 70 % U_T (30 % dip in U_T) for 25 cycles <5 % U_T (>95 % dip in U_T) for 5 sec	Mains power quality should be that of a typical commercial or hospital environment. If the user of the Boyd model PD-2350 requires continued operation during power mains interruptions, it is recommended that the Boyd model PD-2350 be powered from an uninterruptible power supply or a battery.
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	3 A / m	3 A / m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.
NOTE U_T is the a.c. mains voltage prior to application of the test level.			

	Guidance and manufacturer's declaration –electromagnetic emissions		
	The Boyd model S-2614, S-2614FP, S-2615, S-2615FP, S-2914, or S-2914FP is intended for use in the electromagnetic environment specified below. The customer or the user of the Boyd model S-2614, S-2614FP, S-2615, S-615FP, S-2914, or S-2914FP should assure that it is used in such an environment.		
	Emissions test	Compliance	Electromagnetic environment – guidance
	RF emissions CISPR 11	Group 1	The Boyd model S-2614, S-2614FP, S-2615, S-2615FP, S-2914, or S-2914FP uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
	RF emissions CISPR 11	Class A	The Boyd model S-2614, S-2614FP, S-2615, S-2615FP, S-2914, or S-2914FP is suitable for use in all establishments other than domestic and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
	Harmonic emissions IEC 61000-3-2	Not Applicable	
	Voltage fluctuations / flicker emissions IEC 61000-3-3	Not Applicable	



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